FOREWORD

First off, should any of the crew at STARLOG MAGAZINE get ahold of these prints, I would like to state that I DID NOT create them to infringe upon their rights or any other SPACE:1999 copyright holders. These prints were drawn by a devoted fan of SPACE:1999, not for making a profit, but to share with other fans of the show.

It has been 10 years since the ALPHA TECHNICAL NOTEBOOK was published, and if you can find a copy of it for sale somewhere out there I'd say it was your lucky day. 10 years have come and gone and I feel safe in assuming that the release of any blueprint package from STARLOG has long been abandoned. Basically because the technical notebook was not as big a success as they had hoped it would be. And with the release of a few select episodes put together on video tape, with the unbearable introduction and ending notes by SYBIL DANNING, (Give me a break! Who is this stupid bitch anyways?!!) it seems clear that anyone holding the rights to the show aren't taking it seriously and don't give a damn. Which is a shame for such a quality product!

Since I have been fairly active in SPACE:1999 fandom I have met many fans of the show, and have made many lasting friendships. And out of this crazy bunch of people there has been an ever growing intrest over the years in obtaining new technical information on the universe of SPACE:1999.

So, I set out to satisfy these hungry minds. Many fans do so by writing stories, continuing the adventures of the men and women of MOONBASE ALPHA. And since my story writing has not been perfected yet, the only other thing I have to offer is my artistic ability. And these blueprints are the result.

A task which by no means was easy! I know what the boys at STARLOG went through to create their notebook. And there were several people on that project. I am but one person! They deserve a big applause for their efforts, even though some of their notebook information is incorrect. This is what happens when you are with a large company and are pushed to meet a deadline.

I am not a large company, therefore I have no deadlines to meet. This gives me pleanty of time to research and draw the prints as accurately as possible. Working from video tapes, countless photographs, books, and my imagination, (Which went wild in designing the RECREATION AREA around the SOLARIUM.) hundreds of hours have been spent researching and drawing these prints, which if aren't %100 accurate, they're atleast %90. The blueprints of the various rooms are the most accurate and were the easiest to draw. Every wall on ALPHA is sectioned into concaved units and "pieced" together. On a certain set, if you count how many wall sections there are, you get a fairly accurate drawing when put on paper.

At times I thought I was going to pull my hair out if I saw Helena come through that door one more time, just so I could figure out the layout of the particular set I was drawing. There were times when I wondered if it was really all worth the trouble, when I could be out with friends instead of getting bug-eyed watching videos all night. Well I can say, yes it was worth it. If anything I satisfied my hunger for more info on MOONBASE ALPHA. And if just one other person finds joy and excitement in obtaining this material I have created, then it was well worth my time, for I have done my part to help keep SPACE:1999 alive in the heart and mind of someone else.

Keith Young

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SPECIAL THANKS are in order to: KERRY O'QUINN/NORMAN JACOBS/ HOWARD ZIMMERMAN/RICHARD MEYERS/DAVID HUTCHISON/HOWARD CRUSE/LAURA O'BRIEN/GEOFFREY MANDEL/DAVID McCONNEL/and DAVID HIRSCH. - The ORIGINAL STARLOG CREW who put together the ALPHA TECHNICAL NOTEBOOK. For with using their notebook as a guide, I was able to continue on where they left off.)

To GERRY ANDERSON and SYLVIA ANDERSON for creating this fantastic world of SPACE:1999

And finally to the Stars and Crew who brought this world to life on the screen.

THE EPISODES IN WHICH THE PRINTS APPEARED:

ALPHA-1018 "BREAKAWAY"
ALPHA-1019 "MISSING LINK" (UNIT 5) "ANOTHER TIME ANOTHER PLACE" (UNIT 6)
ALPHA-1020 "MATTER OF LIFE AND DEATH"
ALPHA-1021 "BREAKAWAY"
ALPHA-1023 "SPACE BRAIN" (UNIT 1) "WAR GAMES" (UNIT 2)
ALPHA-1024 "MATTER OF LIFE AND DEATH"
ALPHA-1025 "BLACK SUN" & "ALPHA CHILD"
ALPHA-1027 KEITH YOUNG DESIGN
ALPHA-1028 "FORCE OF LIFE" & "ALPHA CHILD"
ALPHA-1029 " "
ALPHA-1031 "BLACK SUN" & "SPACE BRAIN"
ALPHA-1032 "ALL OF YEAR 1"
ALPHA-1033 "FORCE OF LIFE" (JUST SOLARIUM)
ALPHA-1034 KEITH YOUNG DESIGN
HARDWARE-2012 "MATTER OF LIFE AND DEATH"
HARDWARE-2013 "MATTER OF LIFE AND DEATH"

SERIES 1000 MOONBASE ALPHA-HISTORY & STRUCTURES

A Brief History	Alpha-1000
External Structures	Alpha-1001 to 1002
Internal Structures	Alpha-1003 to 1006
External/Internal Elevation-Main Mission	Alpha-1007
Identification Key	Alpha-1008
Main Mission Floor Plan	Alpha-1009
Command Center Floor Plan	Alpha-1010
Medical Center Floor Plan	Alpha-1011
Power/Life Support/Weapons Section Floor Plan	Alpha-1012
Living Unit-Officer Accommodations Floor Plan	Alpha-1013
Travel Tube Car External/Internal Plan	Alpha-1014
Identification Key	Alpha-1015 to 1016
Communication Post General Plan View	Alpha-1017
Dr. Russell's Office Floor Plan	Alpha-1018
Diagnostic Unit 5 & 6 Floor Plan	Alpha-1019
Intensive Care Unit Floor Plan	Alpha-1020
Isolation Ward Floor Plan	Alpha-1021
Identification Key	Alpha-1022
Emergency Unit 1 & 2 Floor Plan	Alpha-1023
Living Unit-Officer Accommodations Floor Plan	Alpha-1024
Living Unit-Visitor Accommodations Floor Plan	Alpha-1025
Identification Key	Alpha-1026
Bathroom Unit-Officers Quarters General Plan View	Alpha-1027
Power-Nuclear Generating Area Three Floor Plan	Alpha-1028
Generating Area Three-Upper Level Floor Plan	Alpha-1029
Identification Key	Alpha-1030
Main Computer-Central Core Control Room Floor Plan	Alpha-1031
Recreation-Section C/Solarium-Pool 2-Locker Room Floor Plan	Alpha-1032
Recreation-Section C/Pool Balcony-Deli-Raquetball Court-Skylite Lounge Floor Plan	Alpha-1033
Raquetball Court Observation Balcony Floor Plan	Alpha-1034
Pool 2 Cross Section Elevation Plan View	Alpha-1035
Identification Key	Alpha-1036
Hydroponic Unit Floor Plan	Alpha-1037
Identification Key	Alpha-1038
Moonbase Bulkhead-Single Sliding Door General Plan	Alpha-1039
Moonbase Bulkhead-Double Sliding Door General Plan	Alpha-1040
Moonbase Bulkhead-Other Unit Styles General Plan	Alpha-1041
Moonbase Bulkhead-Typical Moonbase Corridor Plan	Alpha-1042
View Screen-Main Mission General Plan View	Alpha-1043
View Screen-Command Center General Plan View	Alpha-1044
Identification Key	Alpha-1045
Nuclear Waste Disposal Area Two Site 7 General Plan	Alpha-1046

SERIES 1000 Continued MOONBASE ALPHA-HISTORY & STRUCTURES

Centigrade Radiation Cover-Monitor Dome General Plan View	Alpha-1047
Laser Barrier-Disposal Area Two General Plan View	Alpha-1048
Area Two Monitoring Depot/External Plan	Alpha-1049
Area Two Monitoring Depot/External Plan	Alpha-1050
Area Two Monitoring Depot/Internal Floor Plan	Alpha-1051
Area Two Monitoring Depot/Internal Floor Plan	Alpha-1052
A Brief History	Alpha-1053
Identification Key	Alpha-1054

SERIES 2000 HARDWARE

Personnel Communication Device	Commlock-2000 to 2003
Personnel Defense Weapon	Stun Gun-2004 to 2005
Moonbase Defense Weapon	Laser Cannon-2006
Lunar All-Terrane Vehicle	Moonbuggy -2007 to-2009
Moonbase Door Panel	Sliding Door Controls-2010 to 2011
Liquid Purification Analyzer	Survey Equipment-2012 to 2014

SERIES 3000 UNIFORMS

Early Version Duty Wardrobe-Unisex	Executive Officer-3000
Standard Male Duty Wardrobe	Executive Officer-3001
Standard Male Duty Wardrobe-Security	Executive Officer-3002
Standard Female Duty Wardrobe Style A	Executive Officer-3003
Standard Female Duty Wardrobe Style B	Executive Officer-3004
Cheif Medical Officer Duty Wardrobe	Executive Officer-3005
Commanding Officer Duty Wardrobe	Executive Officer-3006
Early Version Light Weight Jacket	Officers Jackets-3007
Standard Jackets-Commander Koenig	Executive Officer-3008
Standard Jackets-Dr. Helena Russell	Executive Officer-3009
Standard Jackets-Maya	Executive Officer-3010
Standard Recreation Wear-Maya	Casual Wear-3011
Formal Evening Gown-Dr. Helena Russell	Formal Wear-3012
Standard Emergency Clothing	Thermosuit-3013
Standard Worker Jumpsuit	Jumpsuit-3014
Patches	Patches -3015 to 3017

SERIES 3000 UNIFORMS

Early Version Duty Wardrobe.....Executive Officer-3000
Male Duty Wardrobe.....Executive Officer-3001
Female Duty Wardrobe.....Executive Officer-3002
Enviromental Suit-Front Profile.....Space Suit-3003
Enviromental Suit-Back Profile.....Space Suit-3004

SERIES 4000

SPACECRAFT

Deep Space Ultra Probe	SpaceProbe-4000 to 4003
Centuri-Earth Spacestation	SpaceDock-4004 to 4007
Reentry Glider	Glider-4008 to 4009
SpaceProbe Swift/Support Craft	SpaceProbe-4010 to 4013
Eagle Class Spacecraft Interplanetary	Spacecraft-4014 to 4017
Eagle Class Bow/Stern Views	Interplanetary Spacecraft-4018
Utility Pod Type B/C/E Side Views	Eagle Utility Pod-4019
Utility Pod Type B/C/E Top Plan View	Eagle Utility Pod-4020
Utility Pod Type B Transporter Internal View	Eagle Utility Pod-4021
Utility Pod Type C Reconnaissance Internal View	Eagle Utility Pod-4022
Utility Pod Type E Rescue Internal View	Eagle Utility Pod-4023
Utility Pod Type F Cargo Transport Internal View	Eagle Utility Pod-4024
Utility Pod Type D Laboratory Side Views	Eagle Utility Pod-4025
Utility Pod Type D Laboratory Top/Bottom Plan	Eagle Utility Pod-4026
Utility Pod Type D Laboratory Internal View	Eagle Utility Pod-4027
Utility Pod Type F Winch Platform Side Views	Eagle Utility Pod-4028
Utility Pod Type F Winch Platform Top Plan	Eagle Utility Pod-4029
Utility Pod Type B/C/E Bottom Plan	Eagle Utility Pod-4030

SERIES 6000

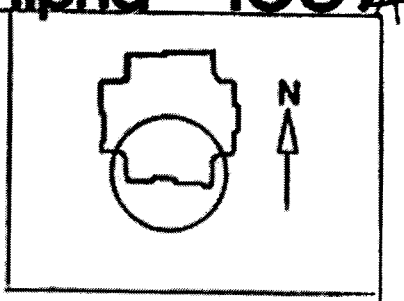
PROFILES

Koenig, John Robert	Profile-6000
Russell, Helena Sue	Profile-6001
Bergman, Victor	Profile-6002
Maya, Daughter of Mentor	Profile-6003
Verdeshi, Anthony Dean	Profile-6003
Carter, Alan	Profile-6004
Morrow, Paul	Profile-6005
Benes, Sandra	Profile-6005
Kano, David	Profile-6006
Mathias, Robert	Profile-6006
Alpha Personnel	Profile-6007

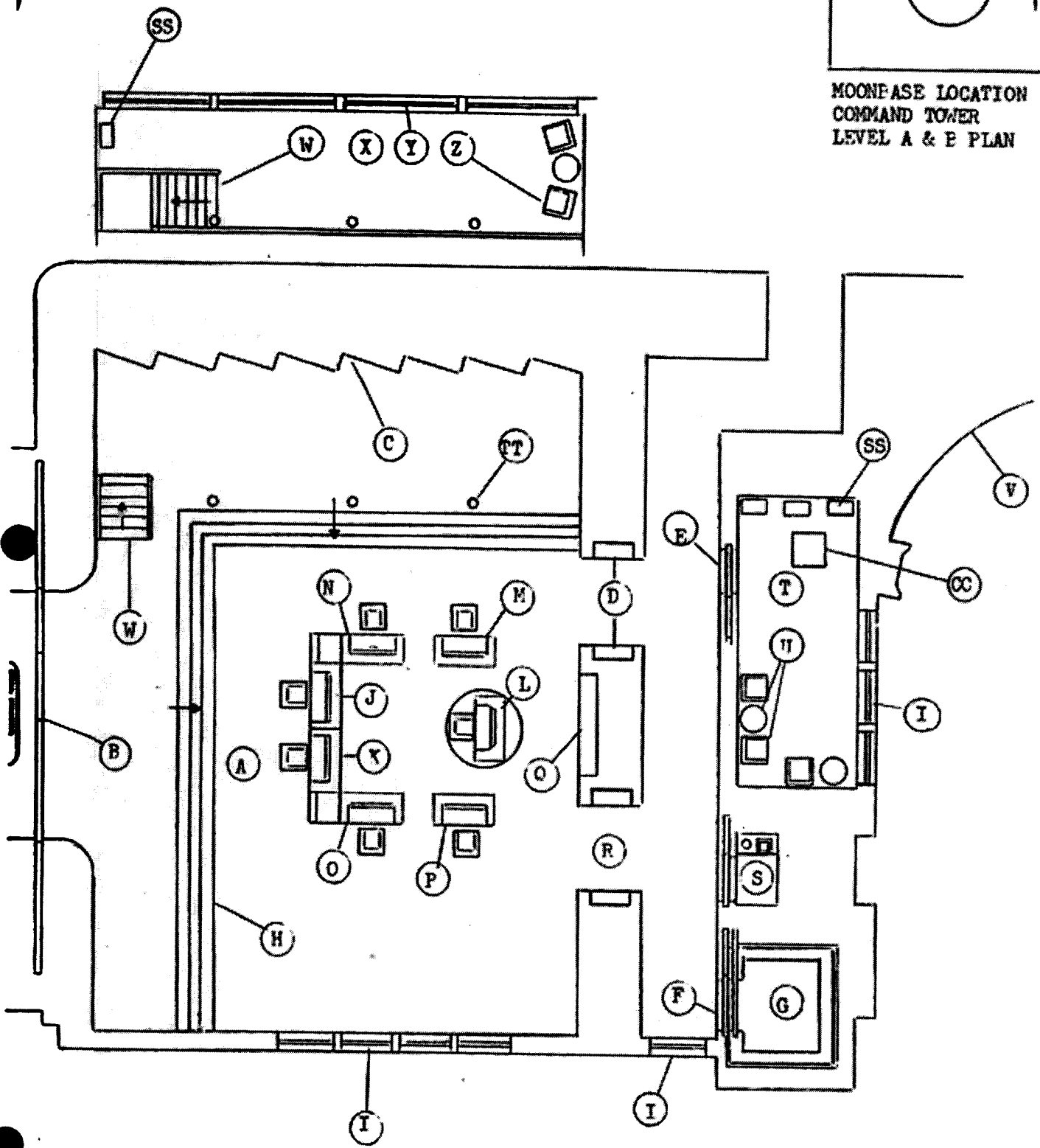
SERIES 7000

TIMELINE

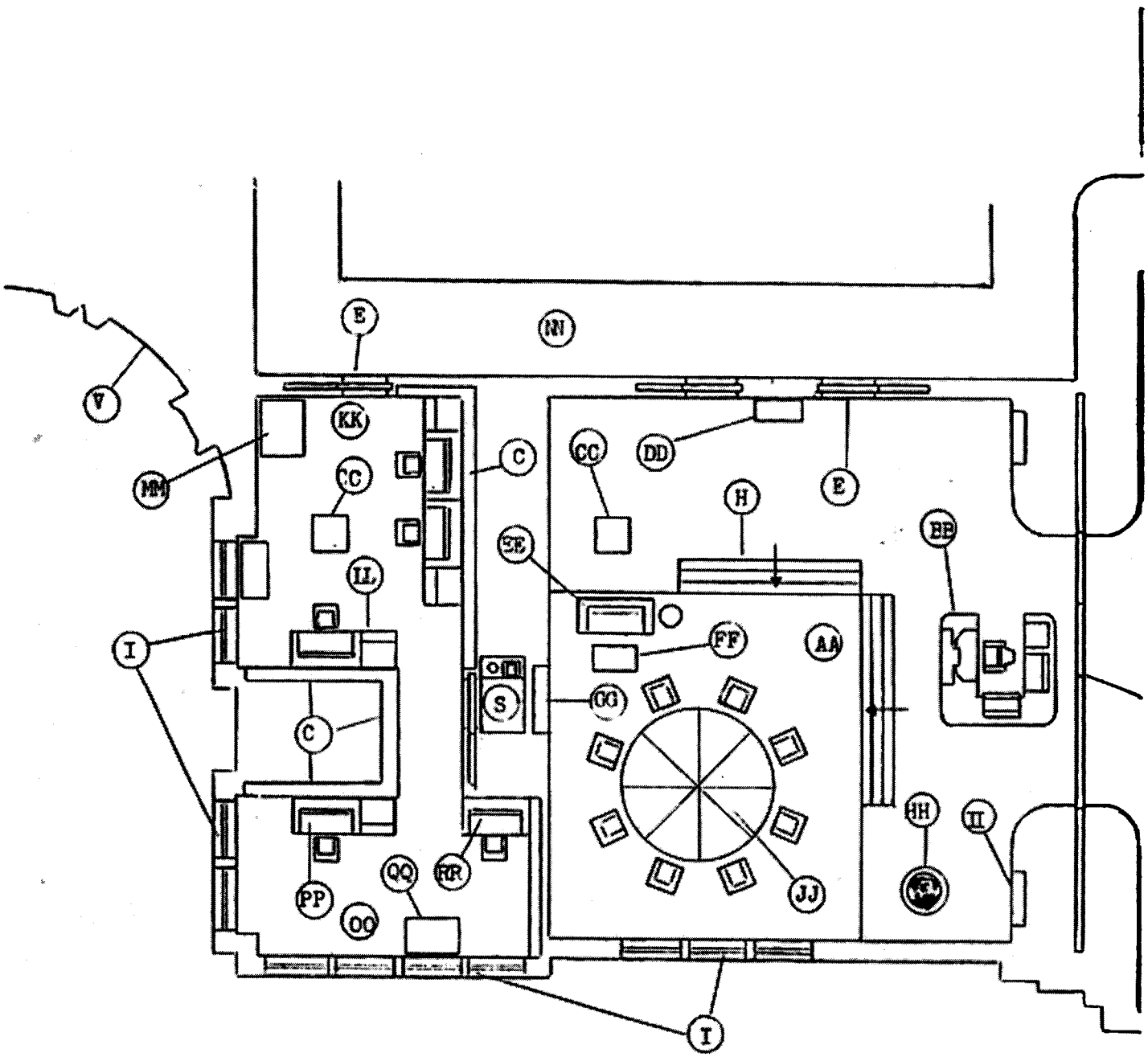
Major Historic Events 1981 to 1999	Timeline-7000 to 7002
Journey of Moonbase Alpha	Timeline-7003 to 7005



MOONBASE LOCATION
COMMAND TOWER
LEVEL A & B PLAN



MAIN MISSION
CENTRAL MOONBASE OPERATIONS CONTROL CENTER

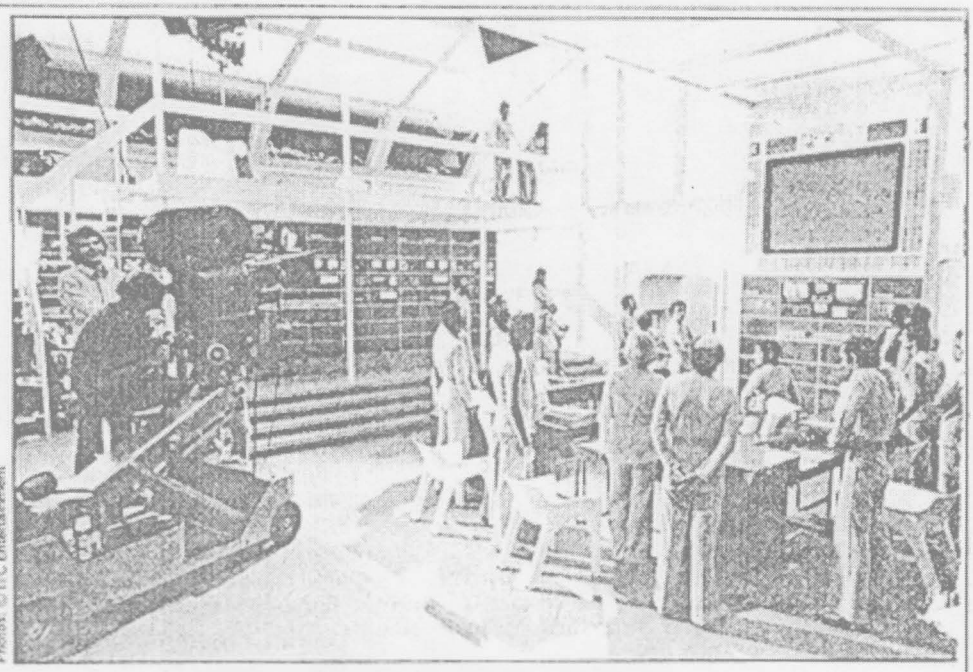


Key

MAIN MISSION KEY (ALPHA-1009A)

(A) MISSION CONTROL
(B) MISSION CONTROL ISOLATION DOORS
(C) COMPUTER WALL
(D) LIGHTING ALCOVES (4)
(E) SINGLE SLIDING DOOR (7)
(F) DOUBLE SINGLE SLIDING DOOR
(G) ELEVATOR
(H) STEPS TO RAISED PLATFORM LEVEL
(I) EXTERIOR WINDOWS (19)
(J) MISSION CONTROL STATION
(K) RECONNAISSANCE STATION
(L) COMPUTER STATION (SWIVELS 360°)
(M) SECURITY STATION
(N) DATA SYSTEMS STATION
(O) LIFE SUPPORT STATION
(P) MEDICAL STATION
(Q) MAIN VIEW SCREEN/MOONBASE MONITORS
(R) ENTRY ARCHES
(S) RESTROOM
(T) LOUNGE
(U) LOUNGE CHAIRS & TABLES
(V) COMMAND TOWER CURVATURE
(W) STAIRES TO BALCONY
(X) OBSERVATION BALCONY (OVER)
(Y) OBSERVATION WINDOWS (3)
(Z) LOUNGE CHAIRS
(AA) COMMANDER'S OFFICE
(BB) COMMANDER'S DESK AND CHAIR
(CC) COMMUNICATION POST
(DD) TABLE UNIT
(EE) COUCH
(FF) COFFEE TABLE
(GG) CONFERENCE VIEW SCREEN
(HH) EARTH GLOBE
(II) WALL SHELF
(JJ) CONFERENCE TABLE AND CHAIRS
(KK) MOONBASE GENERAL COMMUNICATIONS CENTER
(LL) COMMUNICATIONS OPERATOR'S DESK
(MM) FILING UNIT
(NN) CORRIDOR
(OO) COMMUNICATIONS MONITORING ROOM
(PP) OPERATOR'S MONITORING DESK
(QQ) MOBILE CIRCUITRY UNIT
(RR) PERSONAL MOONBASE TO EARTH OPERATOR'S CONTROL STATION AND COMMUNICATIONS BROADCAST COMPUTER
(SS) DRINKS MACHINE
(TT) BALCONY SUPPORT POLE (3)

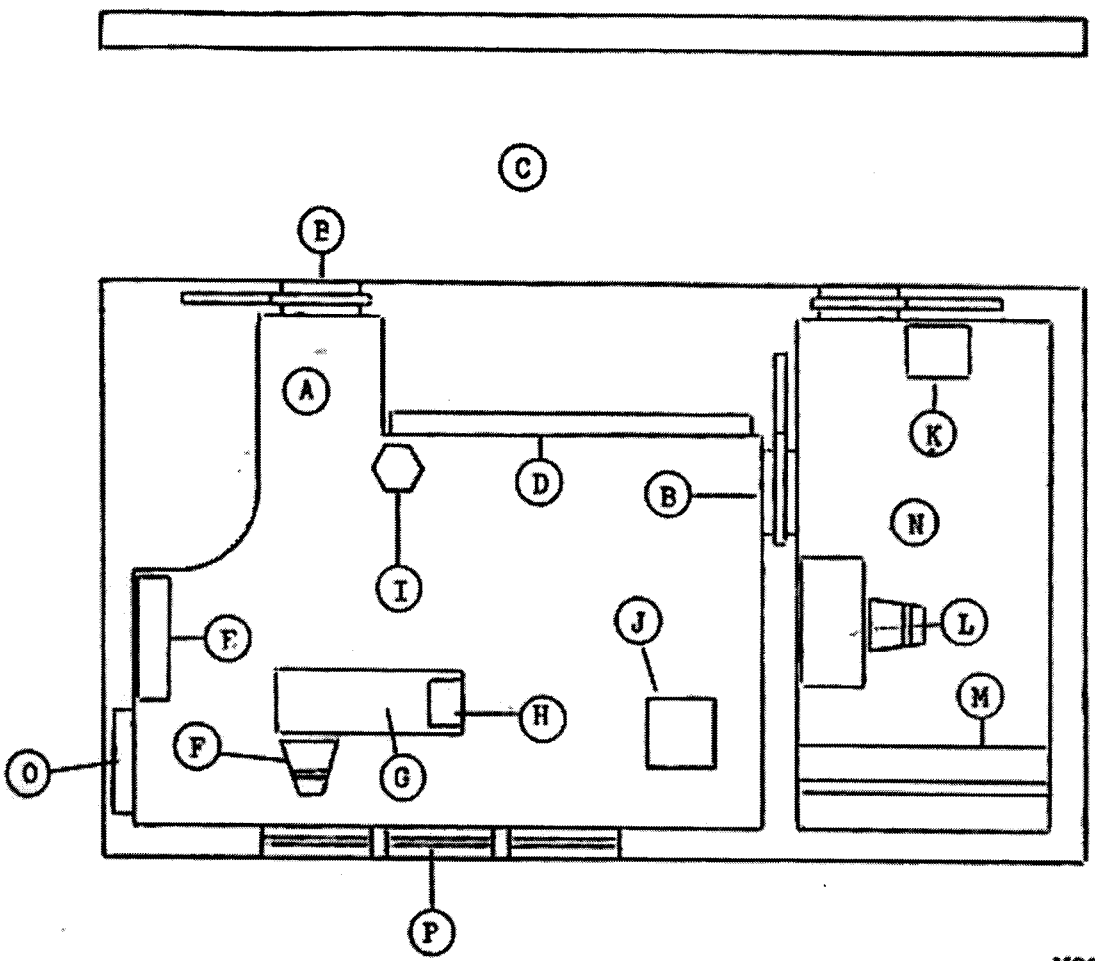
COMPLEMENT: COMMANDER
MISSION CONTROLLER
SECURITY OFFICER
CHIEF PILOT
MEDICAL OFFICER
DATA TECHNICIAN
LIFE SUPPORT TECHNICIAN
COMPUTER TECHNICIAN



Photos: © ITC Entertainment

The camera crew at the left zooms in on Main Mission's Big Screen in this behind-the-scenes shot from *Space: 1999* premiere episode, "Breakaway." A film of a simulated TV newscast will be rear-projected onto the screen.

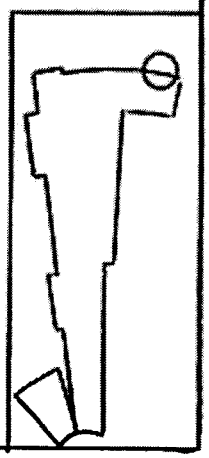
DR. RUSSELL'S OFFICE



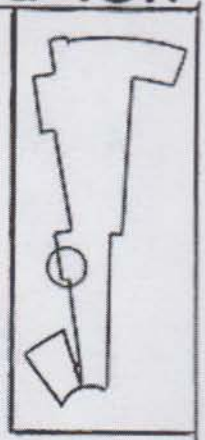
LEVEL G PLAN

1:64 SCALE

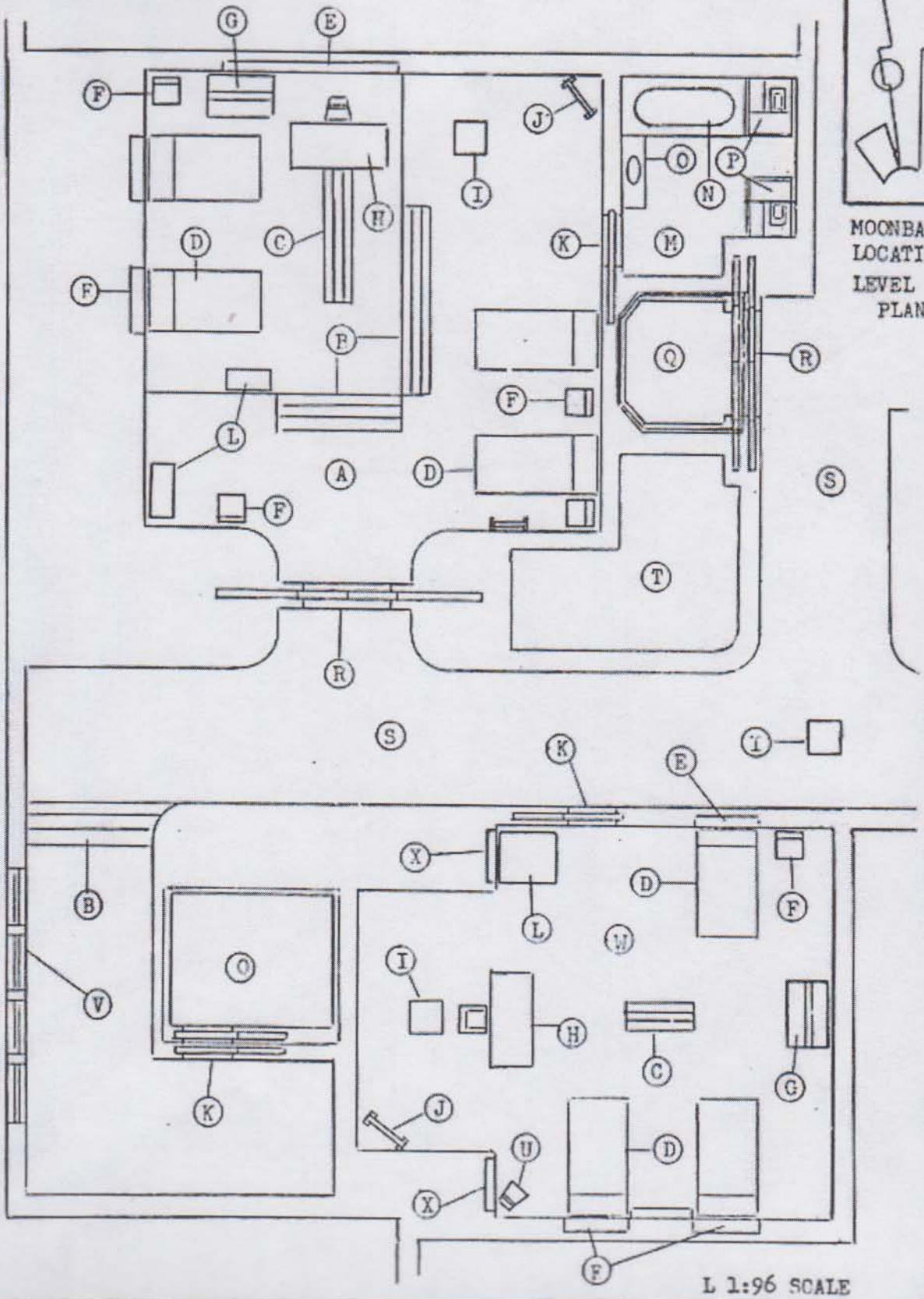
MOONBASE LOCATION



DIAGNOSTIC UNIT 5 & 6

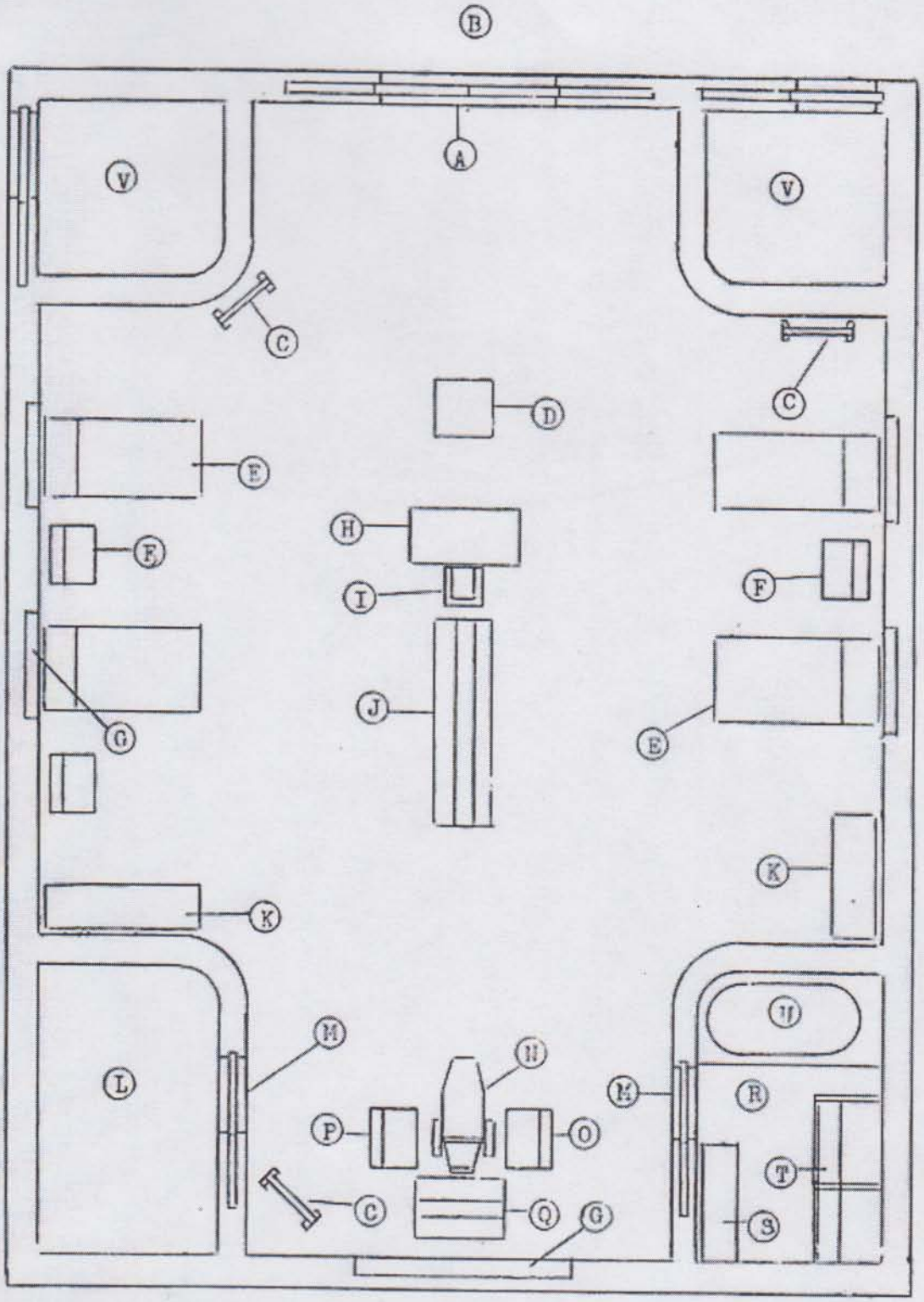


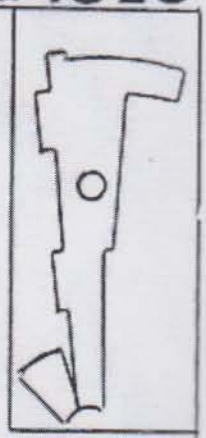
MOONBASE LOCATION
LEVEL G PLAN



L 1:96 SCALE

INTENSIVE CARE UNIT





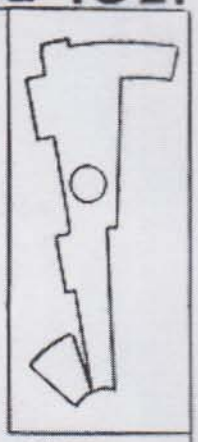
MOONBASE LOCATION

LEVEL H PLAN

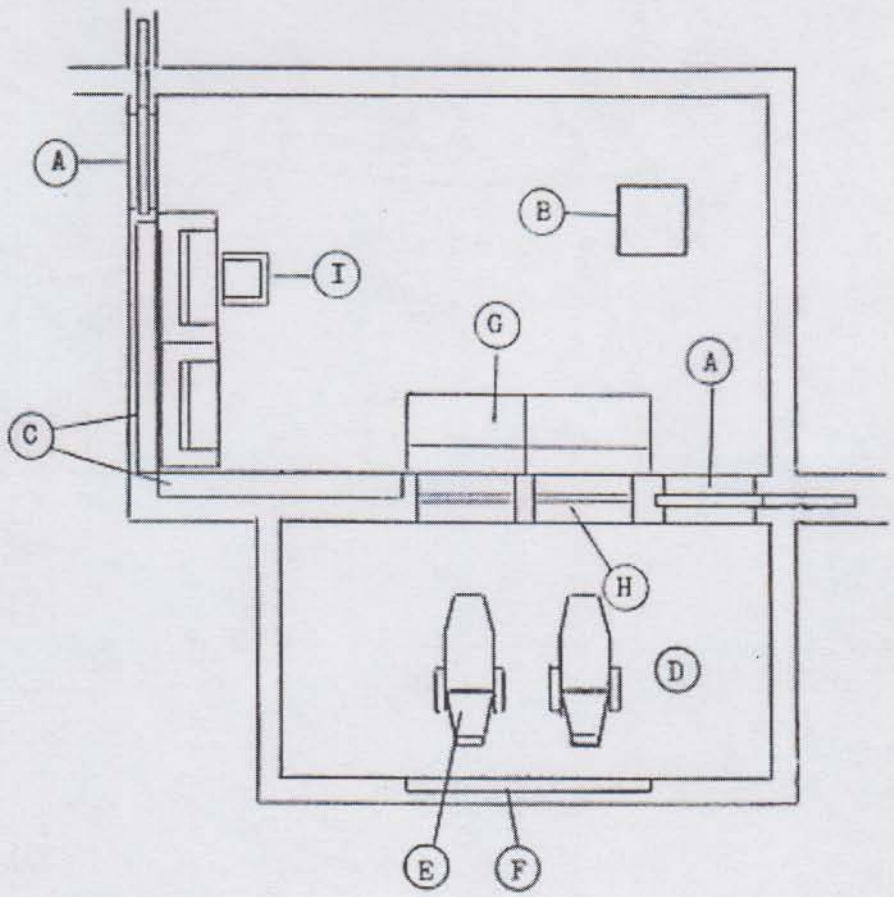
1:64 SCALE

ISOLATION WARD

INTENSIVE CARE UNIT



MOONBASE
LOCATION
LEVEL H
PLAN



1:64 SCALE

Key

DR. R'SSELL'S OFFICE (ALPHA - 1018)

(A) ENTRANCE FOYER
(B) SINGLE SLIDING DOOR (3)
(C) CORRIDOR
(D) MEDICAL COMPUTER
(E) TABLE 'NIT
(F) CHAIR
(G) DESK
(H) THERMOGRAPHIC PLATE VIEWER
(I) SHELF UNIT
(J) COMMUNICATIONS POST
(K) SHELF UNIT/MEDICAL TABLE
(L) MEDICAL OFFICER'S FILING TABLE
(M) PORTABLE LAB TESTING UNITS
(N) MEDICAL LAB
(O) WALL SHELF
(P) EXTERIOR WINDOWS (3)

COMPLEMENT:
OFFICE: CHIEF MEDICAL OFFICER
LAB: CHIEF MEDICAL OFFICER
ASSISTANT MEDICAL OFFICER

DIAGNOSTIC 'NIT 5&6 (ALPHA - 1019)

(A) DIAGNOSTIC 'NIT 5
(B) STAIRS
(C) ROOM DIVIDER/SHELF 'NIT
(D) BEDS (7)
(E) MEDICAL COMPUTERS (6)
(F) MOBILE MONITORING 'NIT (5)
(G) LIFE SUPPORT 'NIT (2)
(H) MEDICAL OFFICER'S DESK & CHAIR
(I) COMMUNICATIONS POST (3)
(J) MEDICINE RACK (3)
(K) SINGLE SLIDING DOOR (4)
(L) MEDICINE TABLE (2)
(M) BATHROOM
(N) BATHTUB
(O) SINK
(P) TOILET (2)
(Q) ELEVATOR (2)
(R) DOUBLE SLIDING DOOR (3)
(S) CORRIDOR
(T) MEDICAL SUPPLIES STORE
(U) CHAIR
(V) EXTERIOR WINDOWS (4)
(W) DIAGNOSTIC UNIT 6
(X) WALL SHELF

COMPLEMENT:
UNIT 5: MEDICAL OFFICER
NURSES (2)
UNIT 6: MEDICAL OFFICER

INTENSIVE CARE 'NIT (ALPHA - 1020)

(A) DO'BLE SLIDING DOOR
(B) CORRIDOR
(C) MEDICINE RACK (3)
(D) COMMUNICATIONS POST
(E) BED (4)
(F) BODY SYSTEMS MONITORING 'NIT (3)
(G) MEDICAL COMPUTER (5)
(H) MEDICAL OFFICER'S DESK
(I) CHAIR
(J) ROOM DIVIDER/SHELF UNIT
(K) MEDICINE TABLE (2)
(L) WARDROBE
(M) SINGLE SLIDING DOOR (4)
(N) EMERGENCY OPERATING TABLE
(O) BODY SYSTEMS MONITORING UNIT
(P) BRAIN WAVE SCANNER UNIT
(Q) LIFE SUPPORT UNIT
(R) BATHROOM
(S) SINK
(T) TOILET
(U) BATHTUB
(V) REFRI SUPPLIES STORE

COMPLEMENT:
MEDICAL OFFICERS:(2)
NURSES: (2)
ORDERLIES: (2)

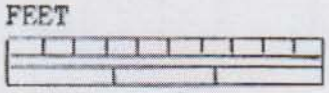
INTENSIVE CARE ISOLATION UNIT (ALPHA - 1021)

(A) SINGLE SLIDING DOOR (2)
(B) COMM'NICATIONS POST
(C) MEDICAL COMPUTER (2)
(D) ISOLATION ROOM
(E) BED (2)
(F) MEDICAL MONITORING SCANNER (2)
(G) LIFE SUPPORT UNIT
(H) OBSERVATION WINDOW (2)
(I) MEDICAL COMPUTER DESK (2)

COMPLEMENT:
MEDICAL OFFICER: (1)
N'RSE: (2)

1:64 SCALE

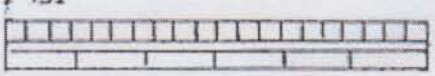
FEET



METERS

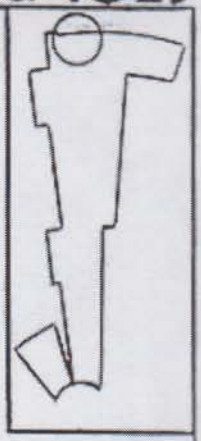
1:96 SCALE

FEET

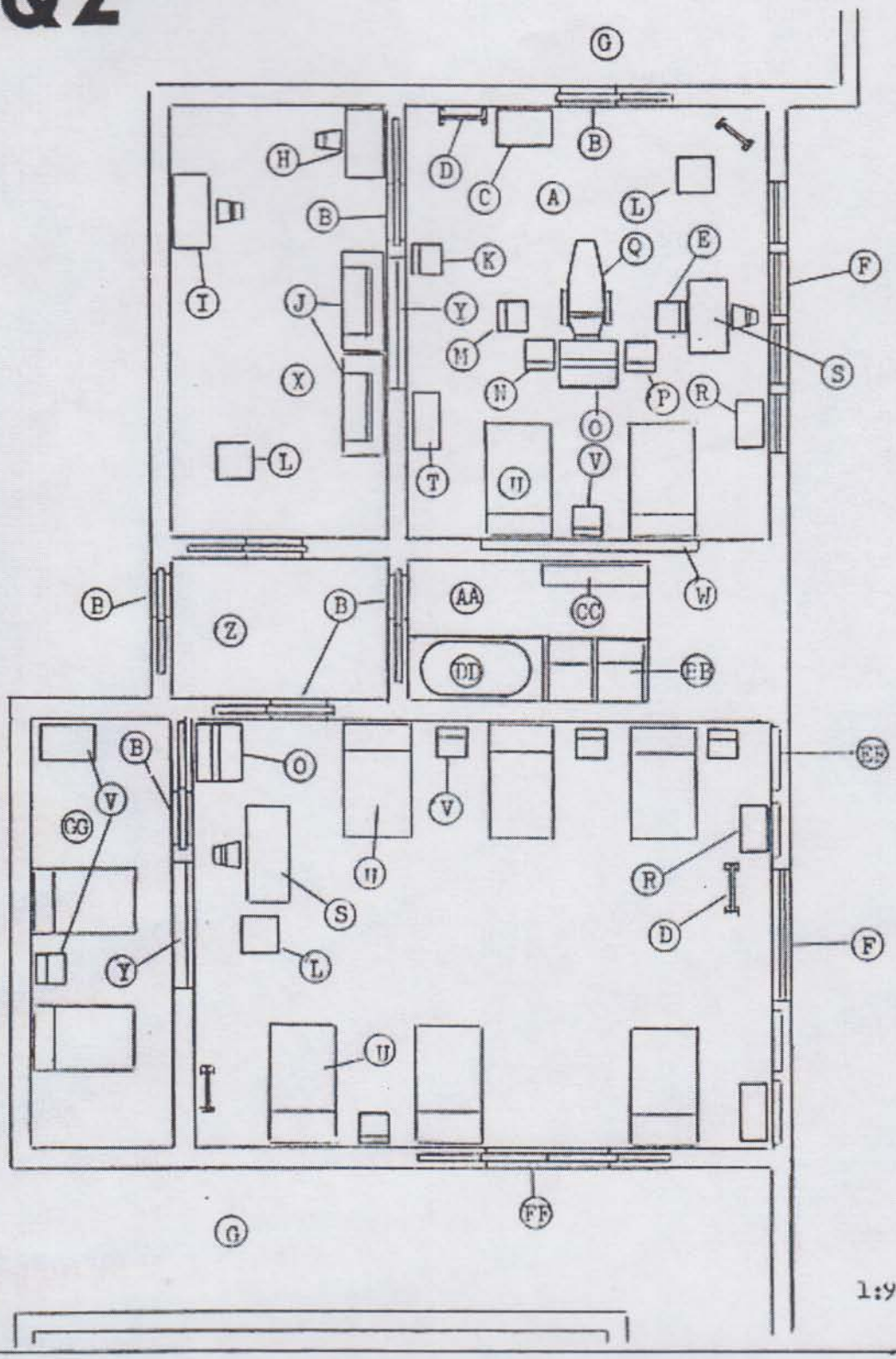


METERS

EMERGENCY UNIT 1&2



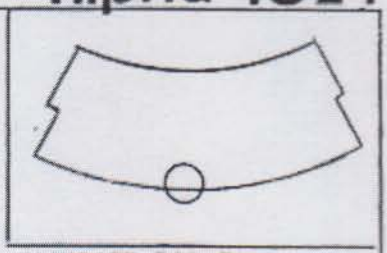
MOONBASE
LOCATION
LEVEL G
PLAN



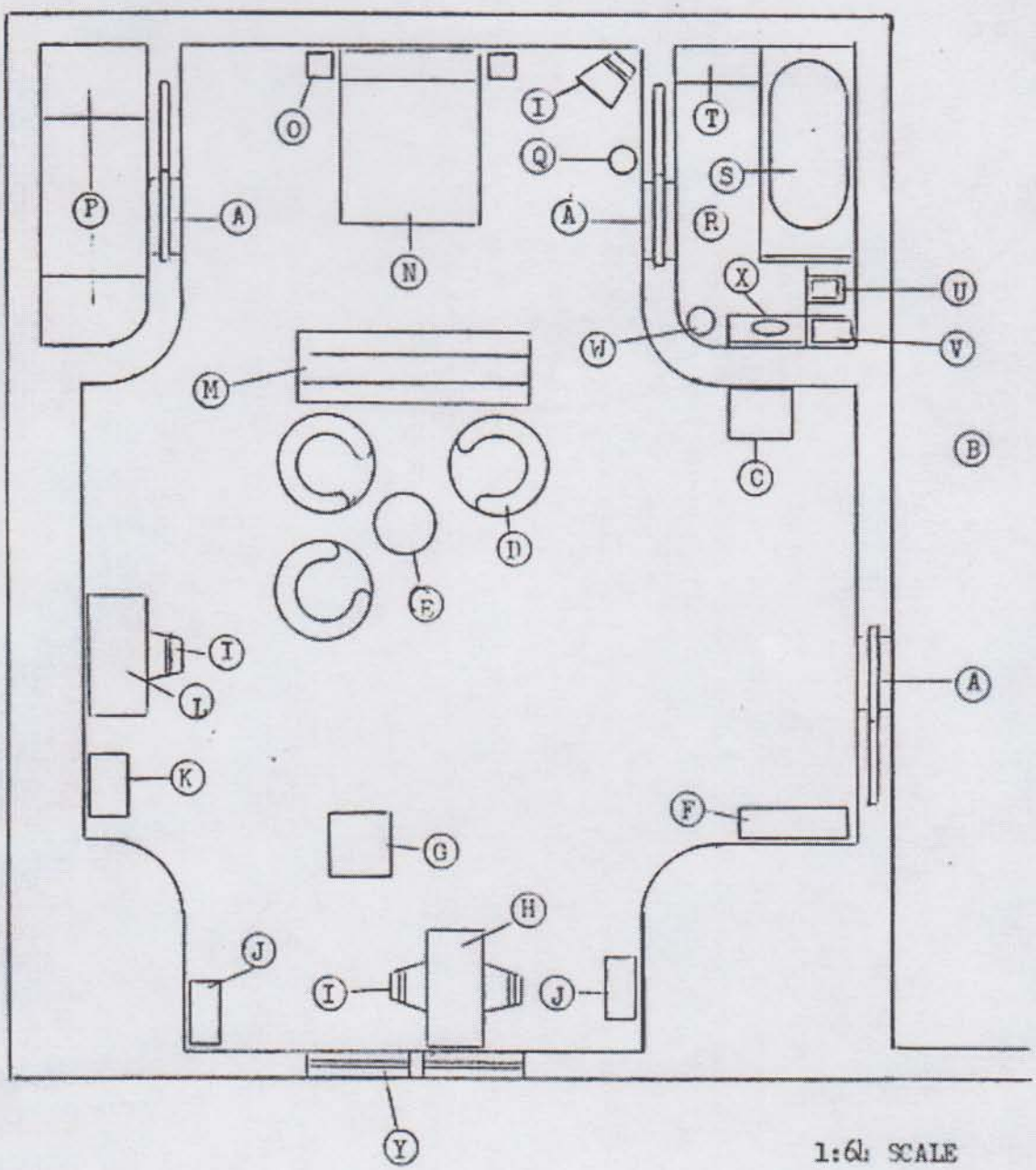
1:90 SCALE

LIVING UNIT

OFFICER ACCOMMODATIONS



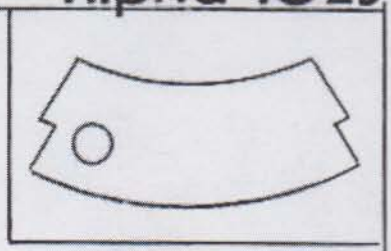
MOONBASE LOCATION
LEVEL 0 PLAN



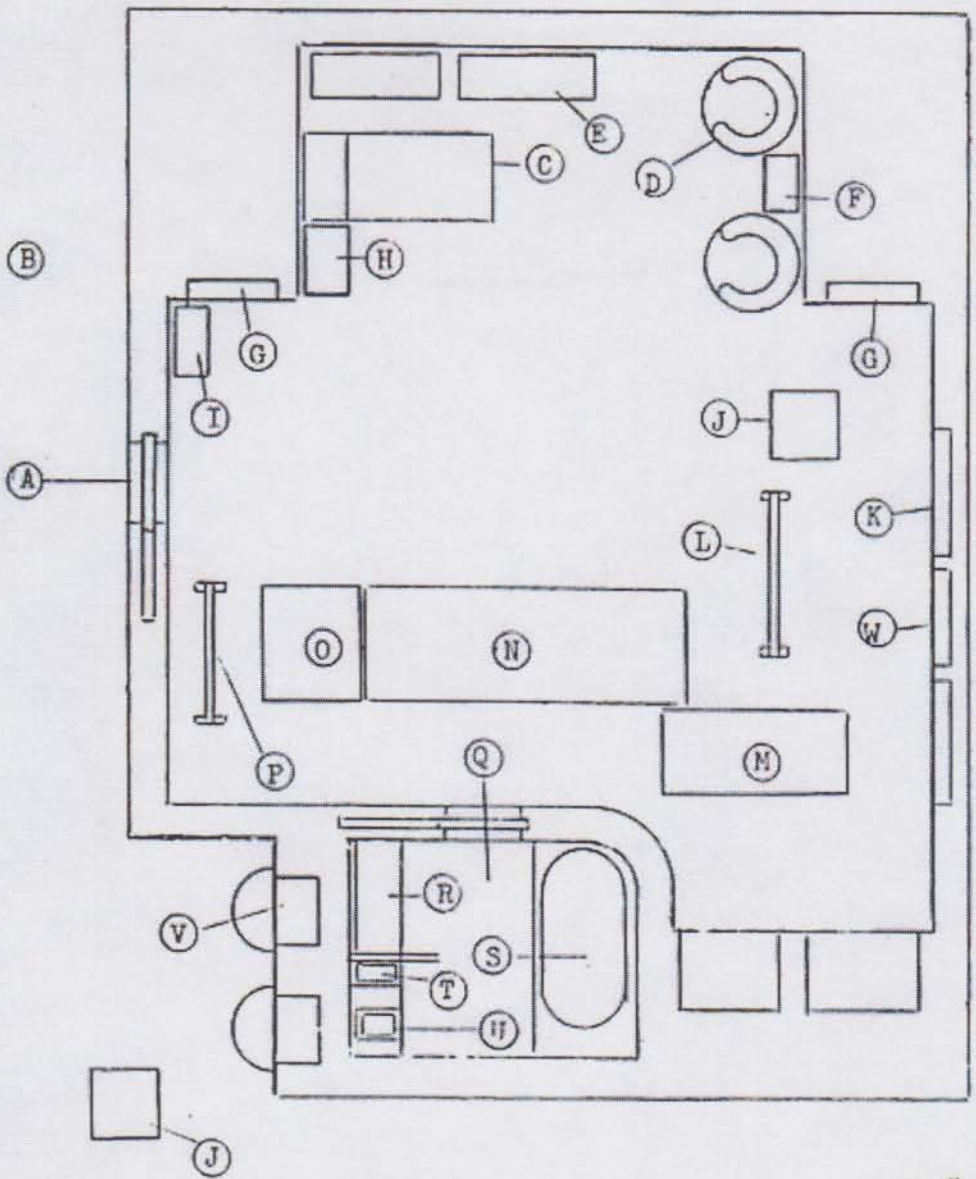
1:64 SCALE

LIVING UNIT

VISITOR ACCOMMODATIONS



MOONBASE LOCATION
LEVEL G PLAN



1:64 SCALE

Key

EMERGENCY UNIT 1&2 (ALPHA - 1023)

(A) UNIT 1
(B) SINGLE SLIDING DOOR (7)
(C) MEDICAL INSTRUMENT TABLE
(D) MEDICINE RACK (4)
(E) MOBILE CIRCUITRY UNIT
(F) EXTERIOR WINDOWS (5)
(G) CORRIDOR
(H) MEDICAL OFFICERS DESK & CHAIR
(I) DESK & CHAIR
(J) OBSERVATION ROOM MONITORING DESKS (2)
(K) MOBILE LIFE SUPPORT SCANNER
(L) COMMUNICATIONS POST
(M) MOBILE BODY SYSTEMS MONITORING UNIT
(N) MOBILE BRAIN WAVE MONITOR
(O) LIFE SUPPORT UNIT
(P) MOBILE MEDICAL SCANNER
(Q) EMERGENCY OPERATING TABLE
(R) MEDICINE TABLE
(S) MEDICAL OFFICERS DESK
(T) MOBILE MEDICINE CART
(U) BED (8)
(V) MOBILE MONITORING UNIT (7)
(W) MEDICAL COMPUTER
(X) OBSERVATION ROOM
(Y) OBSERVATION WINDOW
(Z) OBSERVATION ROOM/BATHROOM ENTRY FOYER
(AA) BATHROOM
(BB) TOILET (2)
(CC) SINK
(DD) BATHTUB
(EE) STORAGE SHELF
(FF) DOUBLE SLIDING DOOR
(GG) ISOLATION UNIT
(HH) UNIT 2

COMPLEMENT:
UNIT 1:
MEDICAL OFFICERS (2)
NURSES (2)
UNIT 2:
MEDICAL OFFICERS (2)
NURSES (3)
ORDERLIES (2)

LIVING UNIT (ALPHA - 1024)

(A) SINGLE SLIDING DOOR
(B) CORRIDOR
(C) PLANTER
(D) LOUNGE CHAIR (3)
(E) COFFEE TAPLE
(F) SHELF UNIT
(G) COMMUNICATIONS POST
(H) CARD TABLE
(I) CHAIR (4)
(J) SPECIAL INTERESTS FILING UNIT (2)
(K) MOBILE SHELF UNIT
(L) DESK
(M) ROOM DIVIDER/SHELF UNIT
(N) BED
(O) END TABLE (2)
(P) WARDROBE
(Q) LAMP
(R) BATHROOM
(S) BATHTUB
(T) SHELF
(U) TOILET
(V) PLANTER
(W) WASTE CAN
(X) SINK
(Y) EXTERIOR WINDOWS (2)

COMPLEMENT:
OFFICER:(1)
MAXIMUM COMPLEMENT WITH MODIFICATIONS:
OFFICERS:(2)

VISITORS LIVING UNIT (ALPHA - 1025)

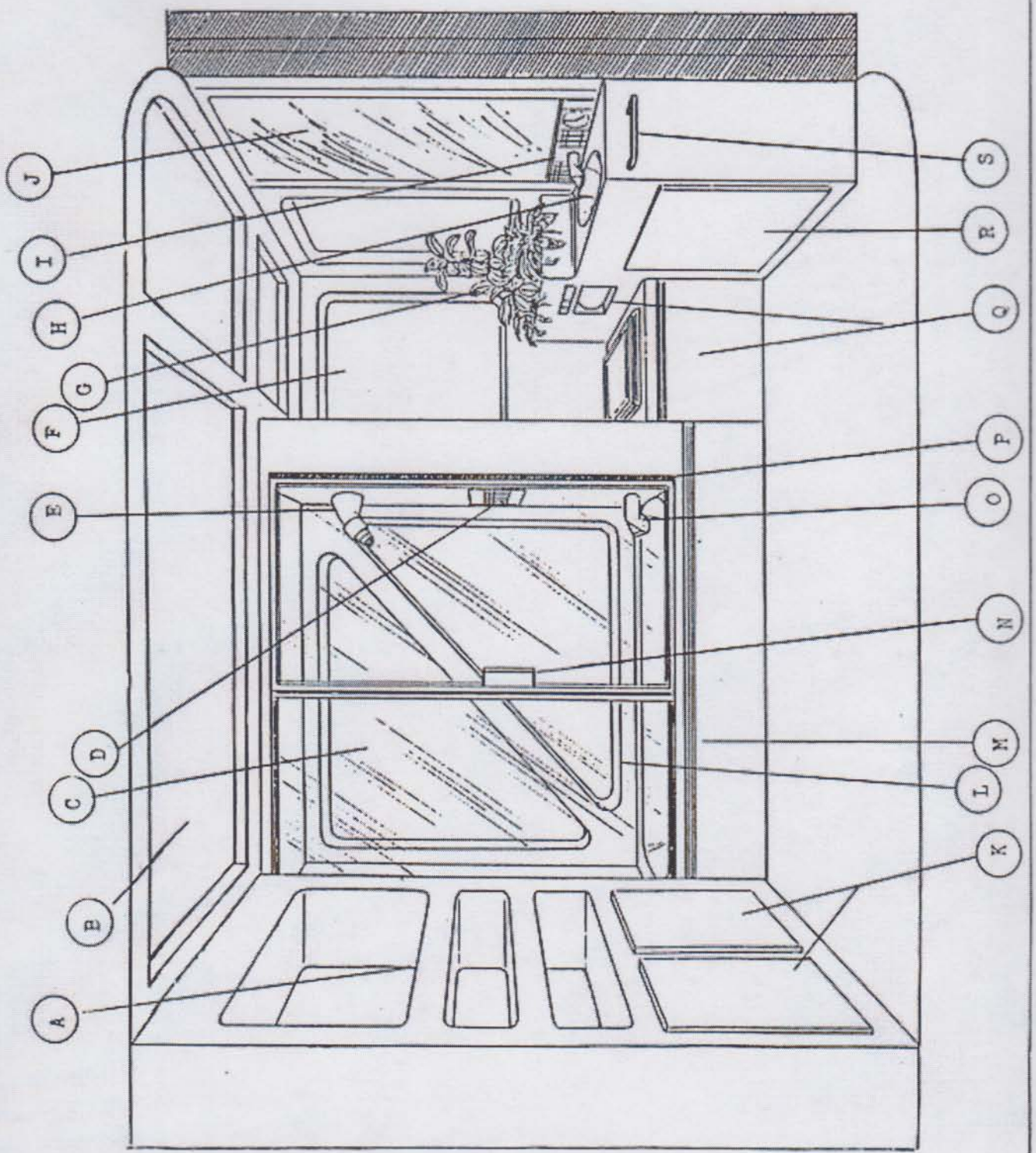
(A) SINGLE SLIDING DOOR (2)
(B) CORRIDOR
(C) BED
(D) LOUNGE CHAIR (2)
(E) SHELF UNIT (2)
(F) TABLE UNIT
(G) WALL SHELF
(H) TABLE UNIT
(I) SHORT SHELF UNIT
(J) COMMUNICATIONS POST
(K) COMPUTER PANEL (2) *
(L) ACRYLIC MARKING BOARD *
(M) TABLE *
(N) DESK/WORK BENCH *
(O) MOONBASE ALPHA TABLE TOP MODLE *
(P) TACK BOARD *
(Q) BATHROOM
(R) SINK
(S) BATHTUB
(T) PLANTER
(U) TOILET
(V) WALL PHONES
(W) COMPUTER VIEW SCREEN *

COMPLEMENT:
OFFICER: (1)
MAXIMUM COMPLEMENT WITH MODIFICATIONS:
OFFICERS: (2)

* THESE ITEMS ADDED FOR PROF, VICTOR BERGMAN'S PRIVATE USE

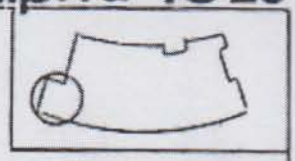
BATHROOM UNIT

OFFICERS QUARTERS

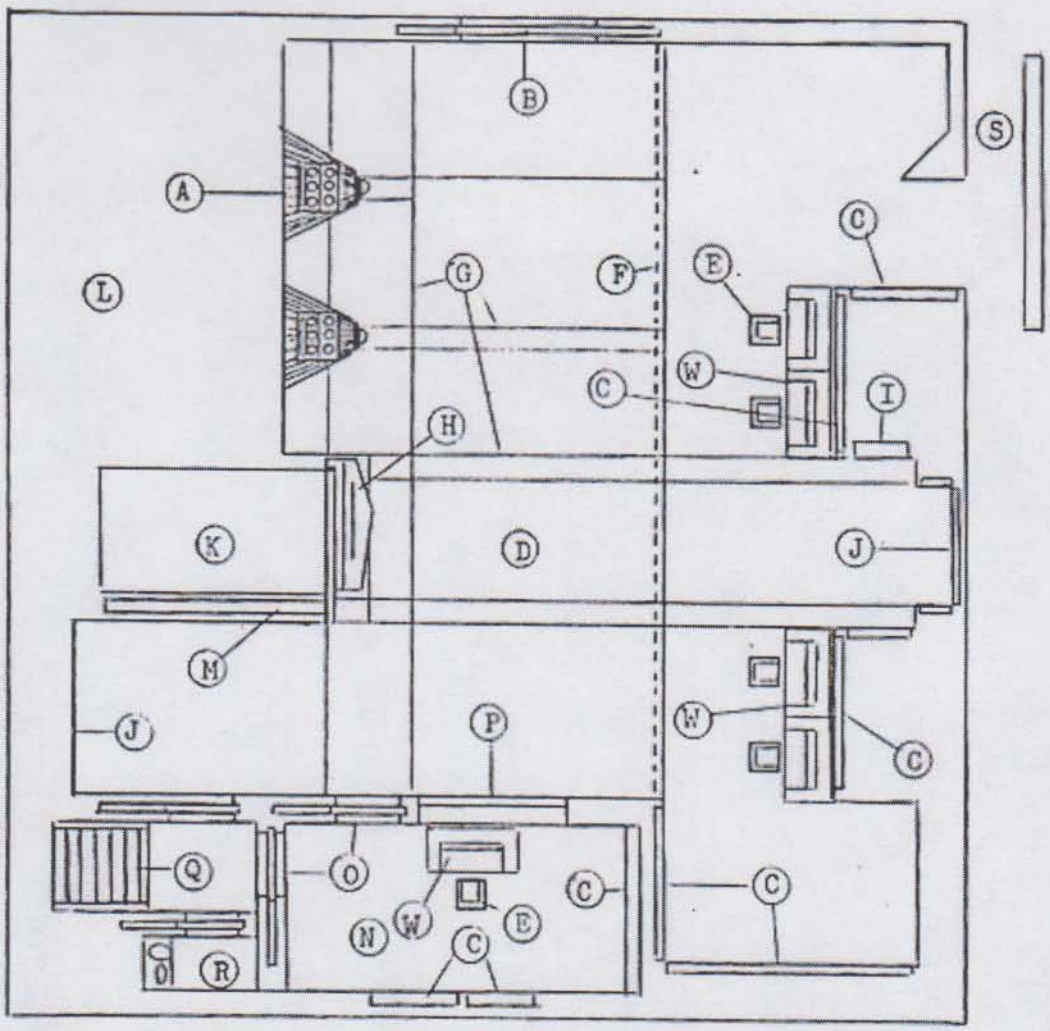


POWER

NUCLEAR GENERATING AREA THREE



MOONBASE LOCATION
LEVEL H PLAN

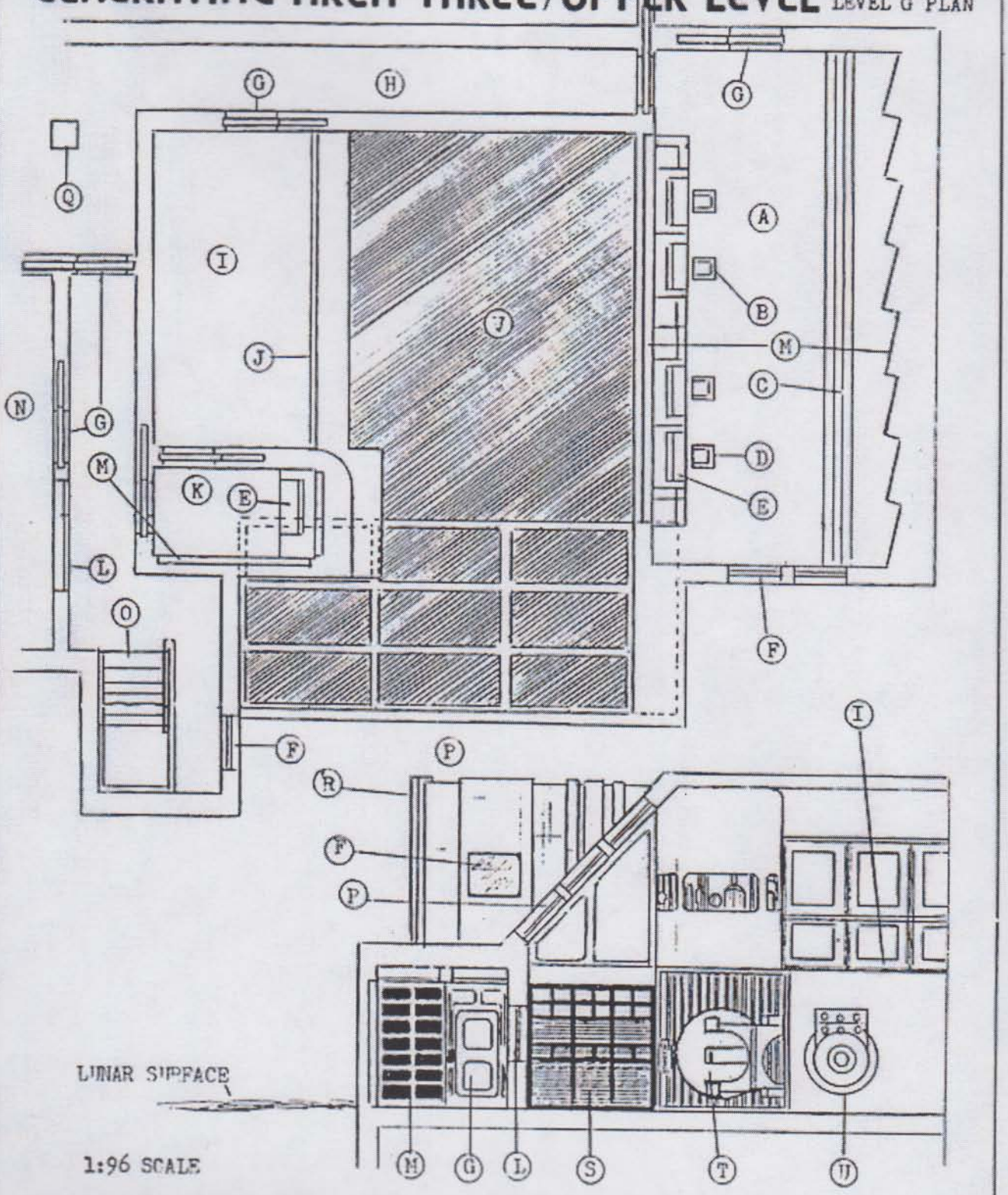


1:96 SCALE

POWER

GENERATING AREA THREE/UPPER LEVEL

LOCATION
LEVEL G PLAN



KEY

BATHROOM (ALPHA - 1027)

(A) TOILETRY SHELF
(B) CEILING LIGHTING (3 PANELS)
(C) SHOWER WALL LIGHT
(D) SHOWER/FAUCET/SPA TOUCH CONTROLS
(E) SHOWER NOZZLE
(F) WALL LIGHT
(G) PLANTER
(H) SINK
(I) SINK TOUCH CONTROLS/LUNAR CHRONOMETER
(J) MIRROR
(K) STORAGE SPACE
(L) SHELF AREA
(M) TUB
(N) TUB/SHOWER DOOR & HANDLE
(O) FAUCET
(P) DOOR HINGE
(Q) TOILET/TISSUE DISPENSER/FLUSH CONTROLS
(R) CABNET
(S) TOWEL RACK

BATHROOM UNIT STYLES VARY IN SEVERAL DIFFERENT LIVING UNITS & MEDICAL UNITS AS FAR AS LAYOUT. BATHROOM UTILITIES ARE THE SAME THROUGHOUT THE MOONBASE COMPLEX.
THIS BATHROOM UNIT CAN BE FOUND IN THE LIVING UNIT OCCUPIED BY DR. HELENA RUSSELL.
(SEE ALPHA - 1024)

POWER/NUCLEAR GENERATING AREA THREE (ALPHA - 1028)

(A) RADIATION COUNT MONITOR DOME (2)
(B) ANTI RADIATION DOUBLE SLIDING DOORS
(C) COMPUTER
(D) NUCLEAR GENERATING AREA
(E) CHAIR (5)
(F) CEILING OUTLINE
(G) FLOOR WARNING MARKINGS
(H) REINFORCED DOOR
(I) DRINKS MACHINE
(J) FILING UNITS
(K) NUCLEAR REACTOR #6
(L) CONVERTER AREA
(M) CONTROL RODS
(N) NUCLEAR WASTE MONITORING ROOM
(O) SINGLE SLIDING DOOR (4)
(P) OBSERVATION WINDOW
(Q) STAIRS (UP)
(R) BATHROOM
(S) ACCESS WAY
(T) REACTOR CONTROL STATION
(U) POWER DISTRIBUTION STATION
(V) WASTE MONITORING STATION
(W) OPERATOR'S DESK

COMPLEMENT
POWER ROOM: TECHNICIANS: (3)
WASTE MONITORING ROOM:
TECHNICIAN: (1)

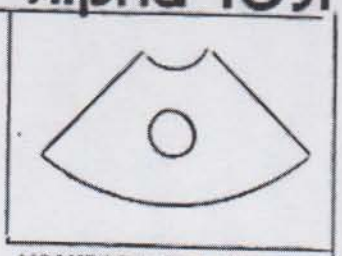
POWER/AREA THREE UPPER AREA (ALPHA - 1029)

(A) ENVIRONMENTAL MONITORING STATION
(B) CHAIR (4)
(C) STAIRS (UP)
(D) CEILING OUTLINE
(E) MONITORING DESKS (4)
(F) EXTERIOR WINDOW
(G) SINGLE SLIDING DOOR (6)
(H) CORRIDOR
(I) BALCONY
(J) RAILING
(K) REACTOR MONITORING ROOM
(L) OBSERVATION WINDOW
(M) COMPUTER
(N) ANTI RADIATION GEAR STORAGE
(O) STAIRS (DOWN)
(P) EXTERIOR WINDOWS (9 CEILING PLATES)
(Q) COMMUNICATIONS POST
(R) EXTERIOR BUILDING
(S) FILING UNITS

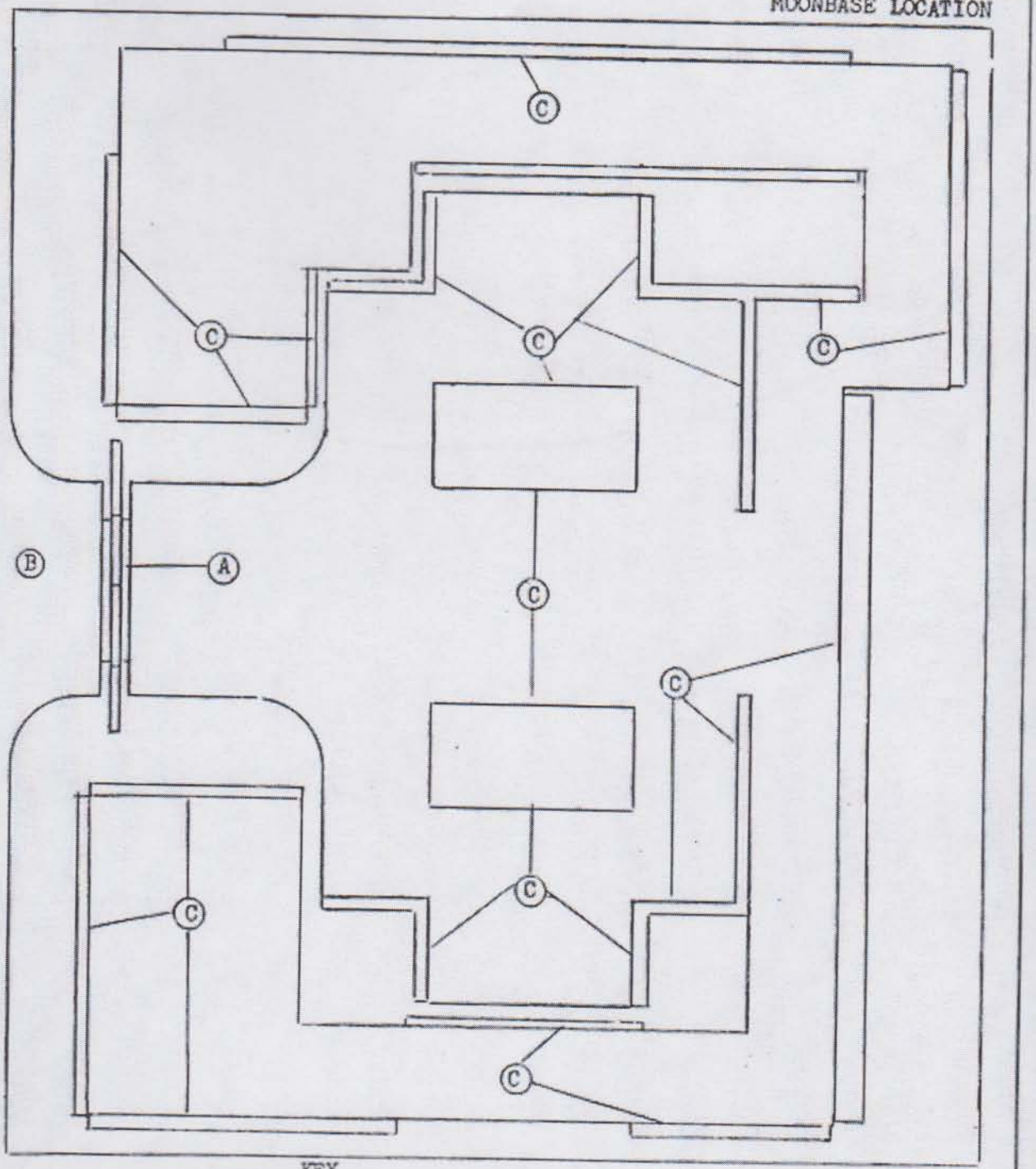
(T) REACTOR DOOR
(U) RADIATION COUNT MONITOR DOME
(V) OPEN SPACE
COMPLEMENT:
ENVIRONMENTAL CONTROL ROOM:
TECHNICIANS: (3)
REACTOR MONITORING ROOM:
TECHNICIAN: (1)

MAIN COMPUTER

CENTRAL CORE CONTROL ROOM



MOONBASE LOCATION

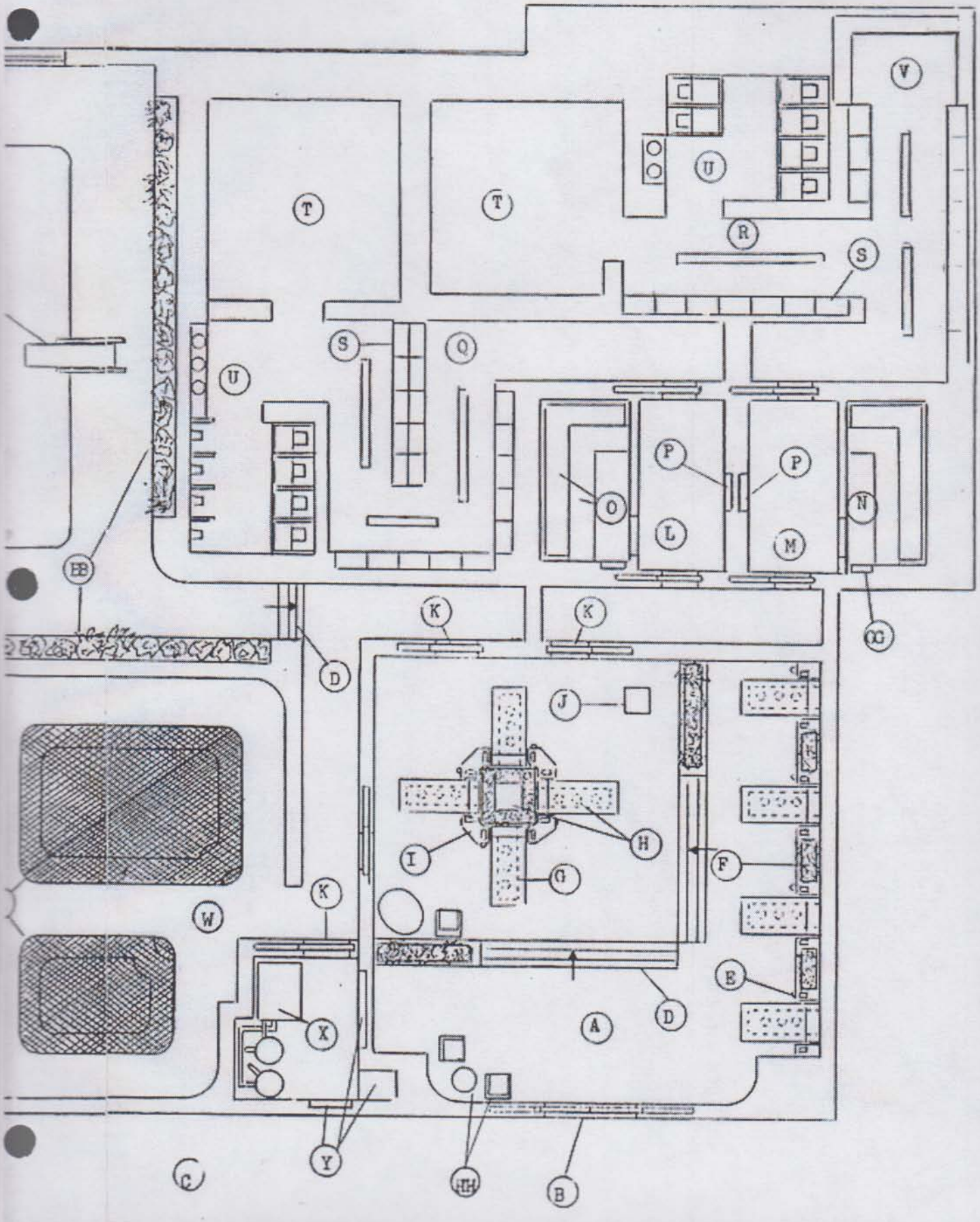


KEY

(A) DOUBLE SLIDING DOORS
(B) CORRIDOR
(C) COMPUTERS

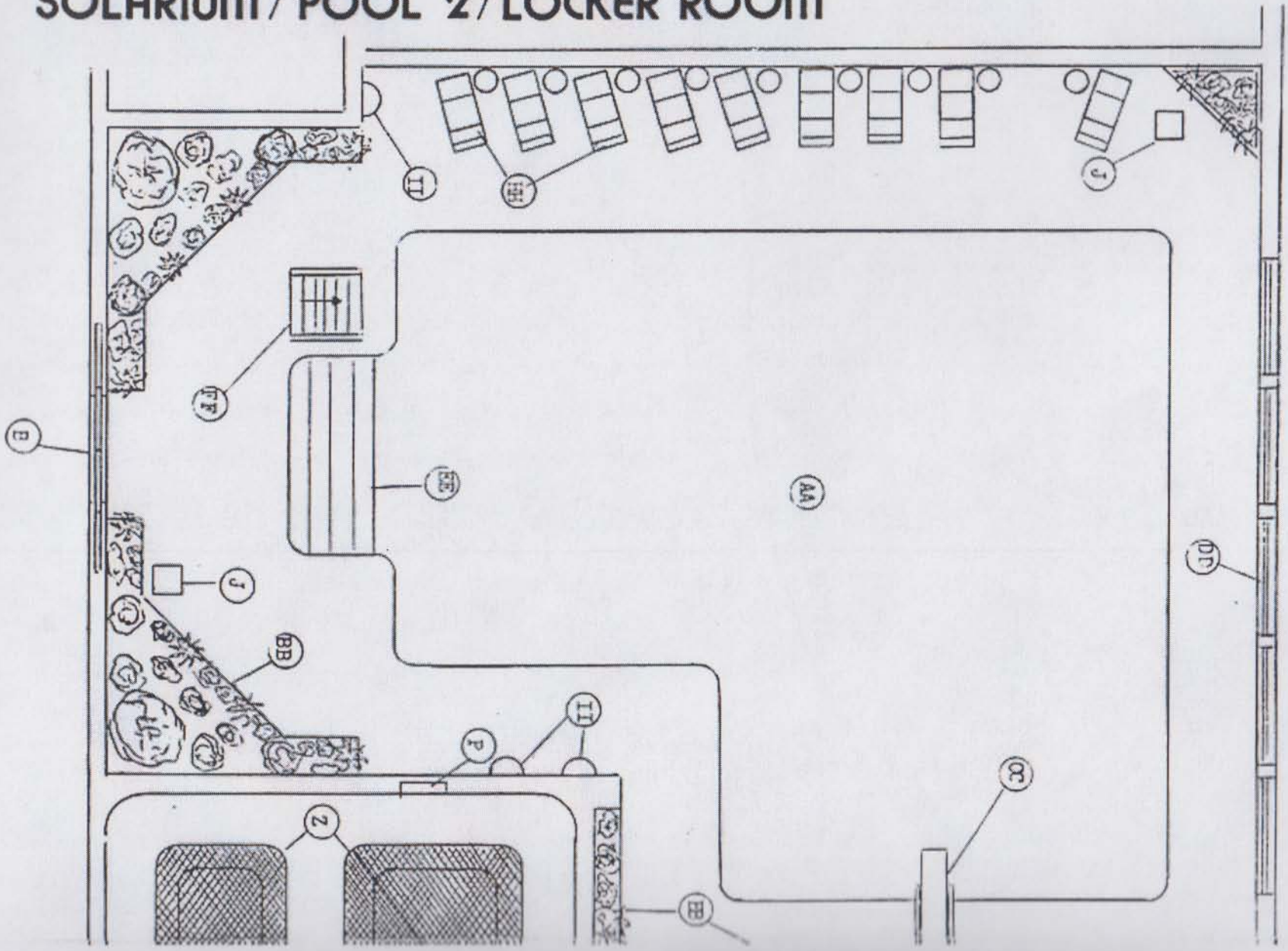
LEVEL H PLAN

Alpha - 1032

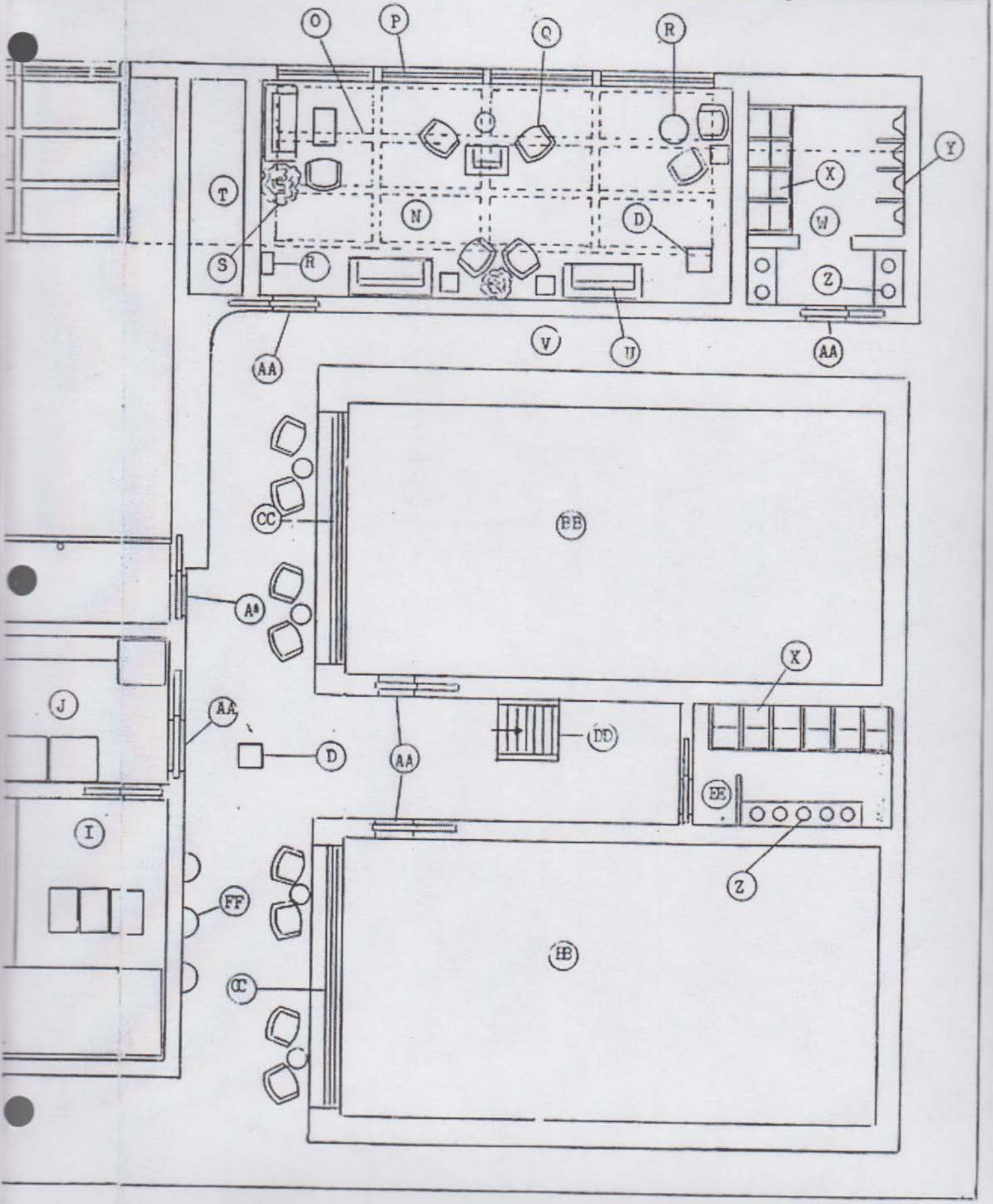


RECREATION / SECTION C

SOLARIUM / POOL 2 / LOCKER ROOM

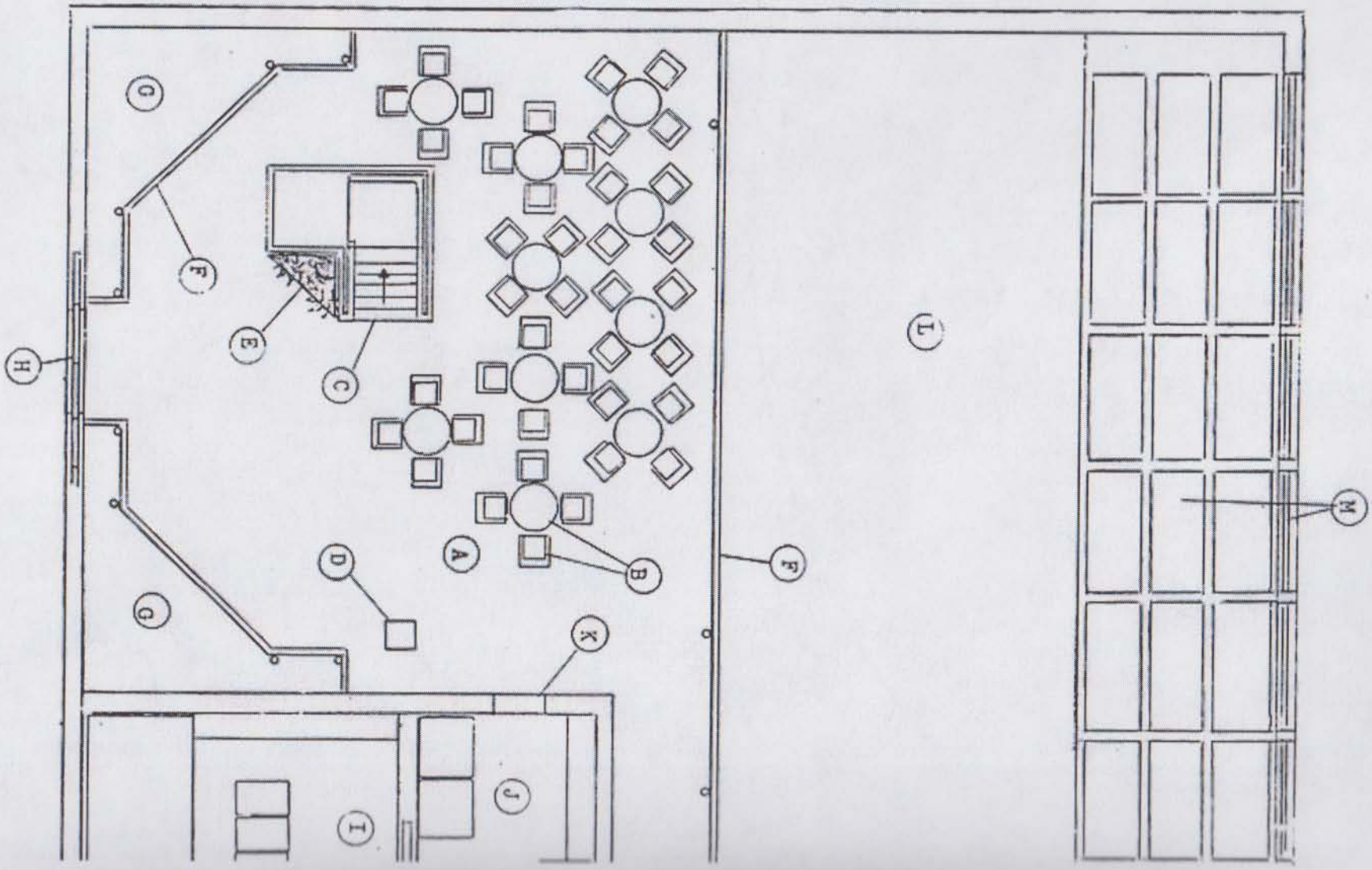


Alpha - 1033

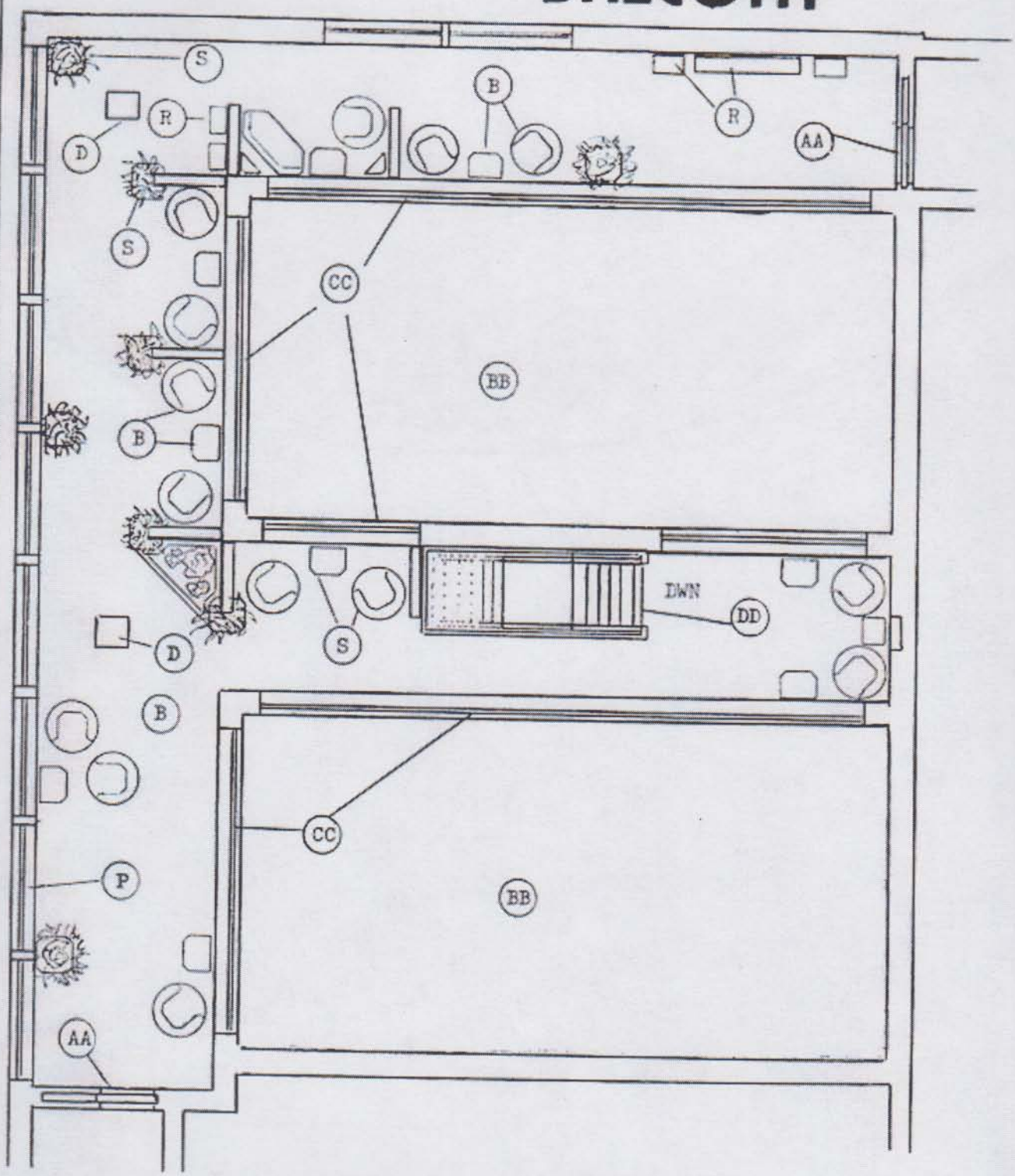


RECREATION /SECTION C

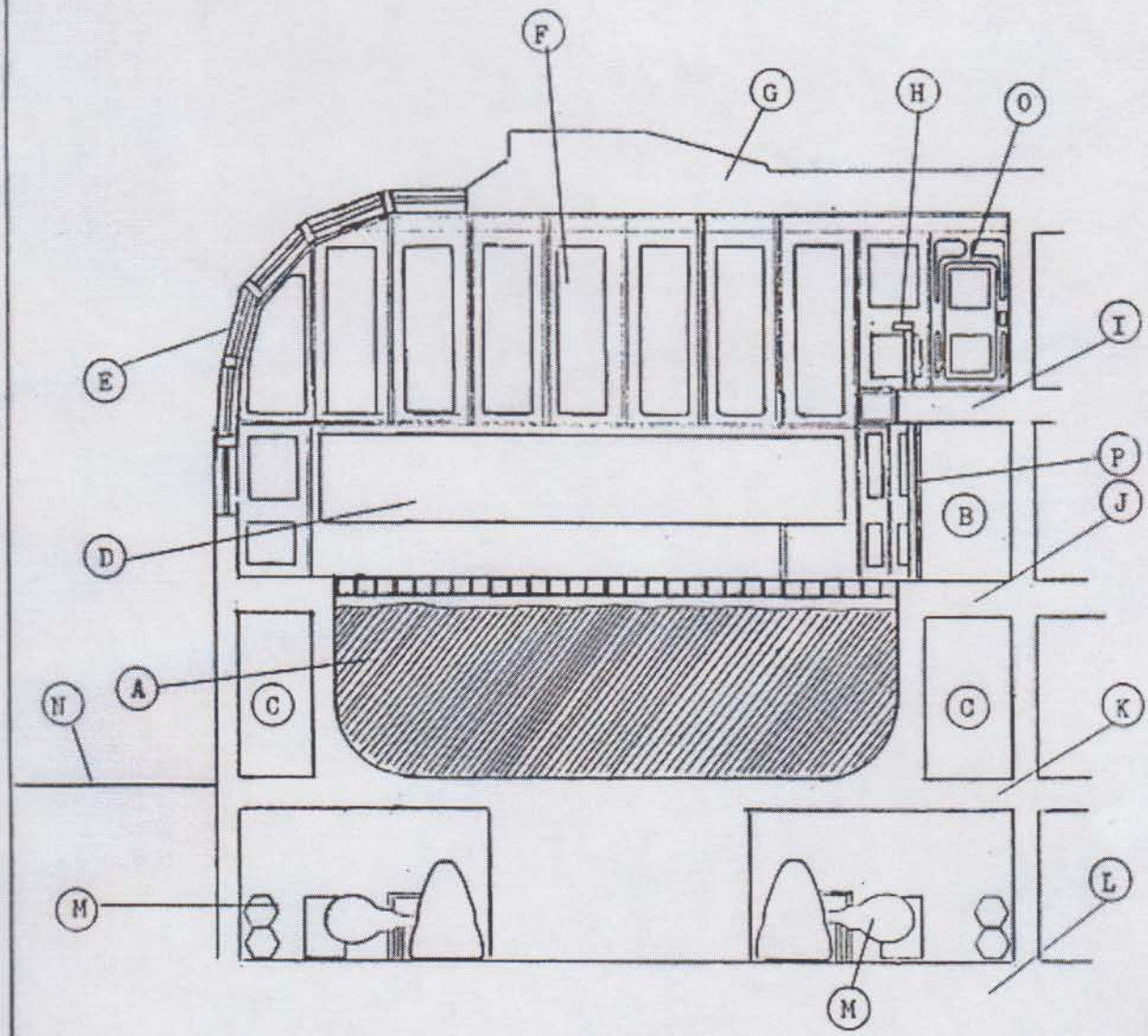
POOL BALCONY/ DELI/ RAQUETBALL COURT /SKYLITE LOUNGE



RECREATION RACQUETBALL BALCONY



POOL 2
CROSS SECTION



KEY

(A) POOL
(B) CORRIDOR TO SOLARIUM & SAUNA
(C) POOL MAINTENANCE CORRIDOR
(D) WALL PLANTER
(E) EXTERIOR WINDOWS
(F) WALL LIGHT
(G) VENTILATION DUCTS
(H) BALCONY RAILING
(I) BALCONY (LEVEL F)
(J) SUN DECK (LEVEL G)
(K) LEVEL H)
(L) LEVEL I
(M) POOL PUMPS
(N) LUNAR SURFACE
(O) SINGLE SLIDING DOOR
(P) BALCONY SUPPORT POLE

Key

RECREATION AREA/SOLARIUM-POOL-LOCKER ROOM KEY (ALPHA-1032)

(A) SOLARIUM
(B) DOUBLE SLIDING DOOR (2)
(C) CORRIDOR
(D) STAIRS (DOWN)
(E) HEAD SET FOR MUSIC SELECTOR
(F) PLANTER
(G) COUCH BED
(H) SUNLAMP POWER UNIT/SUNLAMP UNIT (ABOVE COUCH-OUTLINED)
(I) SUNLAMP CONTROL UNIT
(J) COMMUNICATIONS POST
(K) SINGLE SLIDING DOOR
(L) MEN'S SAUNA AND ENTRY TO LOCKER ROOM
(M) WOMEN'S SAUNA AND ENTRY TO LOCKER ROOM
(N) SAUNA DOOR
(O) SEATING AREA
(P) COMMUNICATIONS POST
(Q) MEN'S SHOWER ROOM
(R) WOMEN'S SHOWER ROOM
(S) LOCKERS
(T) SHOWER AREA
(U) BATHROOM
(V) VANITY AREA
(W) SPA AREA
(X) SPA PUMPS/FILTERS
(Y) STORAGE SHELFS
(Z) SPAS
(AA) POOL #2
(BB) PLANTER AREA
(CC) DIVING BOARD
(DD) OBSERVATION WINDOWS
(EE) STEPS
(FF) STAIRS TO BALCONY (UP)
(GG) SAUNA CONTROLS
(HH) LOUNGE CHAIRS/TABLES
(II) WALL PHONES

COMPLEMENT:
SAUNA: PERSONS (5)
LOCKER ROOMS: PERSONS (20)
SOLARIUM: PERSONS: (14)
SPA: PERSONS: (20)
POOL: PERSONS (50)

RECREATION AREA/DELI-RAQUETBALL COURT (ALPHA-1033 - 1034)

(A) POOL BALCONY PAVILION
(B) TABLES AND CHAIRS
(C) STAIRS (DOWN)
(D) COMMUNICATIONS POST
(E) PLANTER
(F) BALCONY RAILING
(G) OPEN SPACE
(H) DOUBLE SLIDING DOORS
(I) DELI FOOD STORAGE
(J) DELI FOOD PREPERATION AREA
(K) SERVICE WINDOW
(L) OPEN SPACE ABOVE POOL
(M) OBSERVATION SKYLITE
(N) SKYLITE LOUNGE
(O) OBSERVATION WINDOW OUTLINE
(P) OBSERVATION WINDOW
(Q) LOUNGE CHAIRS (7)
(R) TABLE UNIT (6)
(S) PLANT
(T) DUCT AREA
(U) OVER SIZED LOUNGE CHAIRS (4)
(V) CORRIDOR
(W) MEN'S RESTROOM
(X) TOILET
(Y) URINAL
(Z) SINKS
(AA) SINGLE SLIDING DOOR (8)
(BB) RAQUETBALL COURTS (2)
(CC) OBSERVATION WINDOW
(DD) OBSERVATION BALCONY STAIRS (UP)
(EE) WOMEN'S RESTROOM
(FF) WALL PHONES (3)

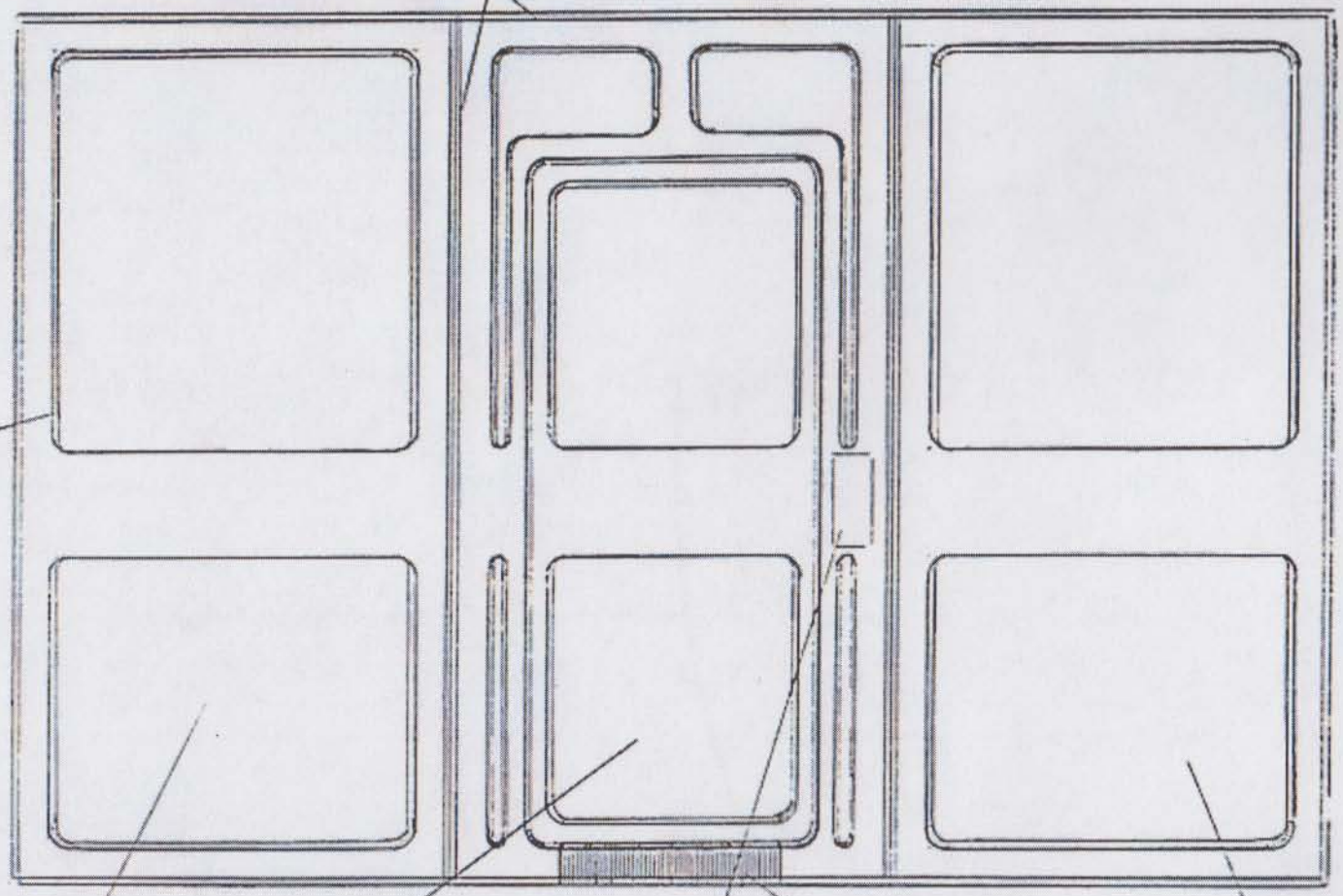
COMPLEMENT:
PAVILION: PERSONS: (40)
SKYLITE LOUNGE: PERSONS: (13)
RAQUETBALL COURT AREA: PERSONS (12)

THE RECREATION AREA IS OPEN TO ALL OFF DUTY PERSONNEL ON EVERY SHIFT

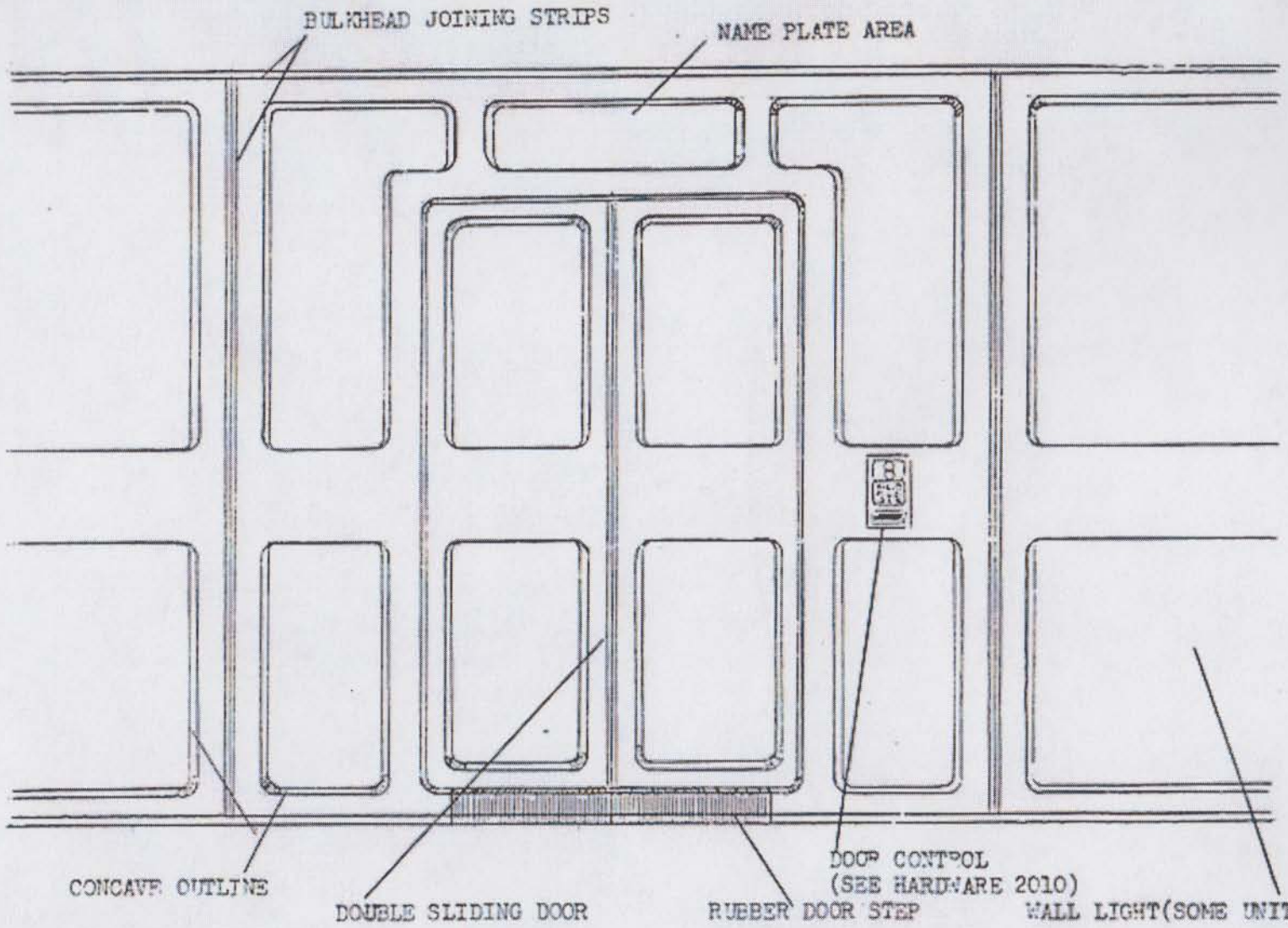
Internal Structures

MOONBASE BULKHEAD

Alpha-1039

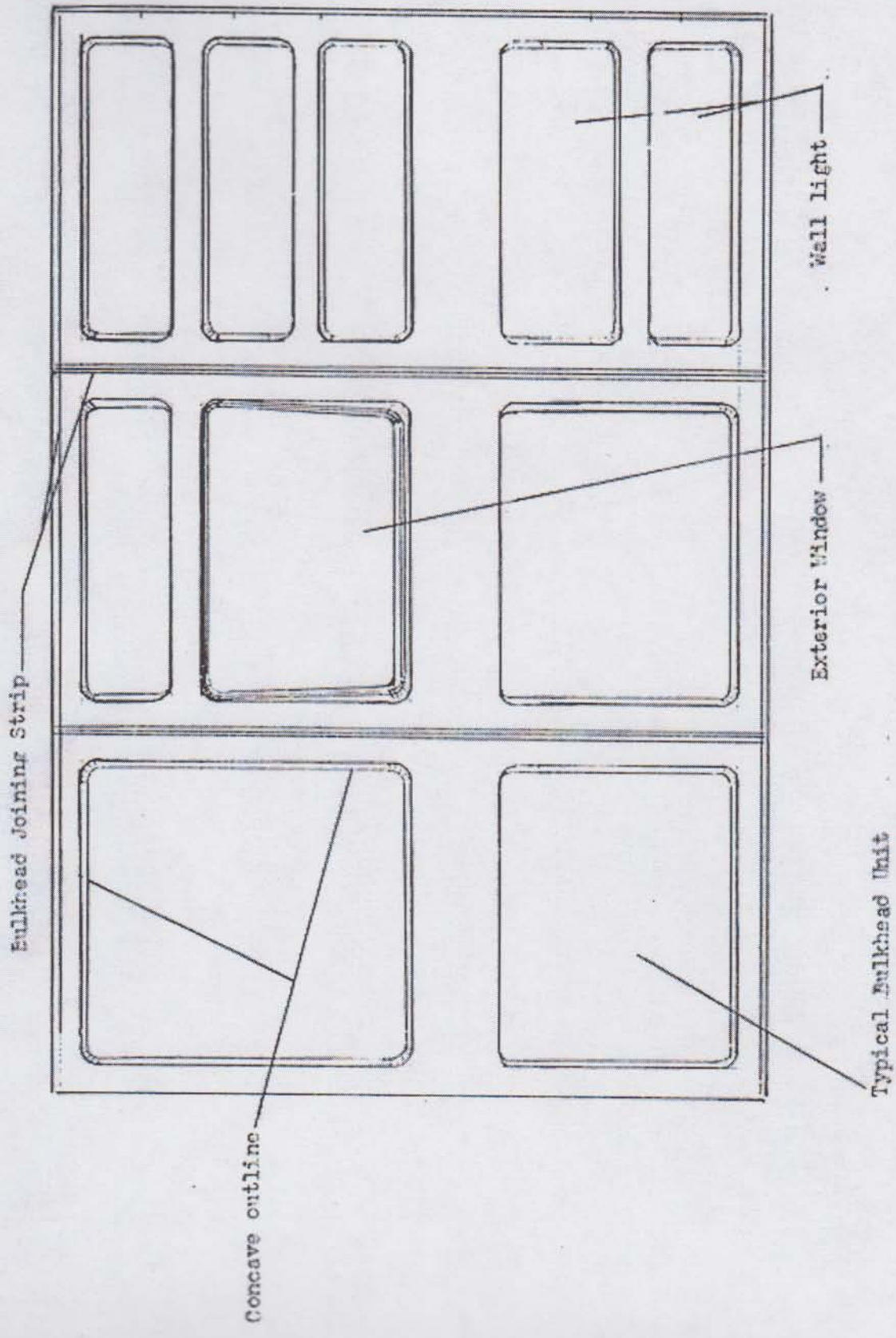


Single Sliding Door



Double Sliding Door (Travel Tube)

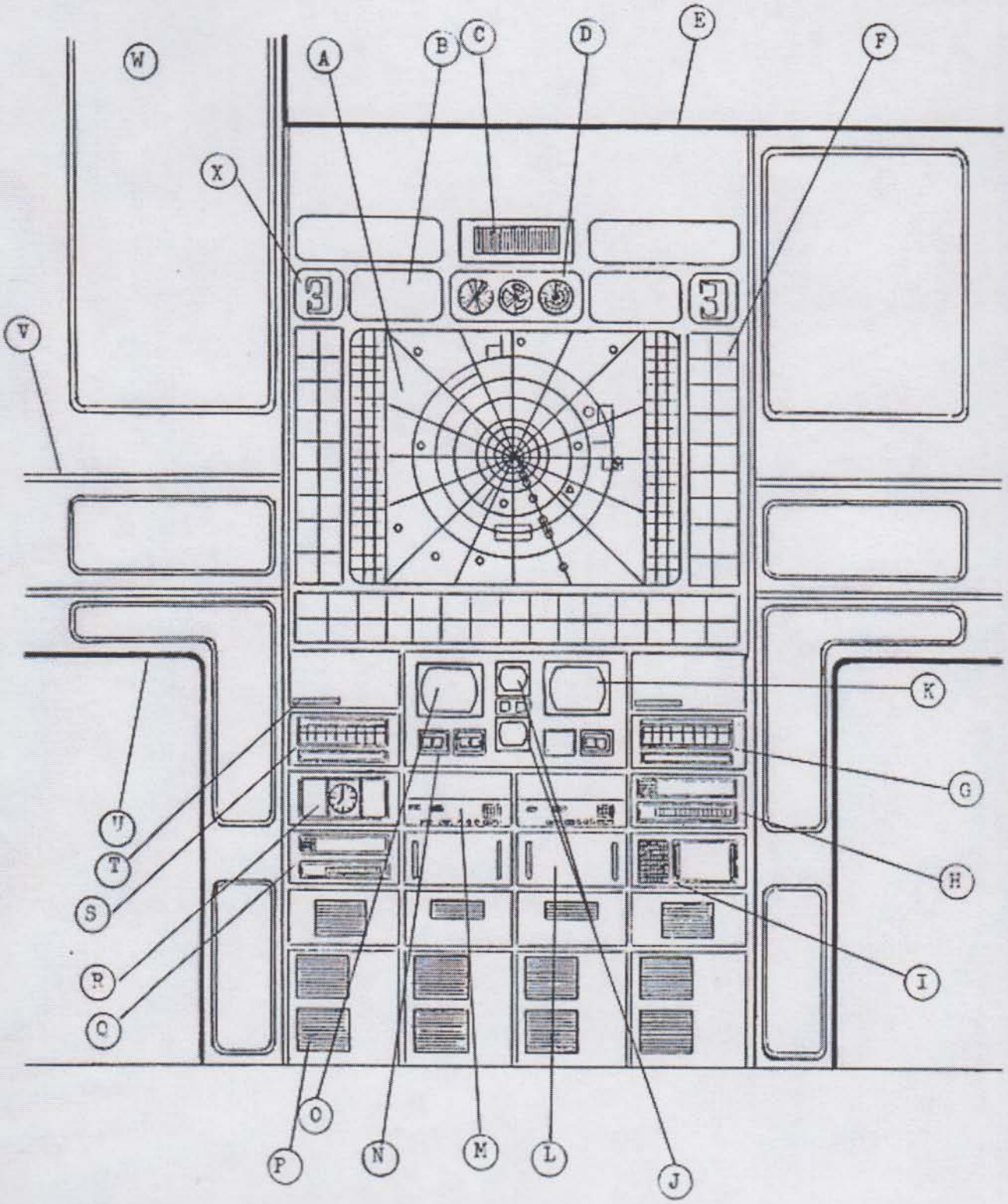
BULKHEADS (OTHER UNIT STYLES)



MOONBASE BULKHEAD

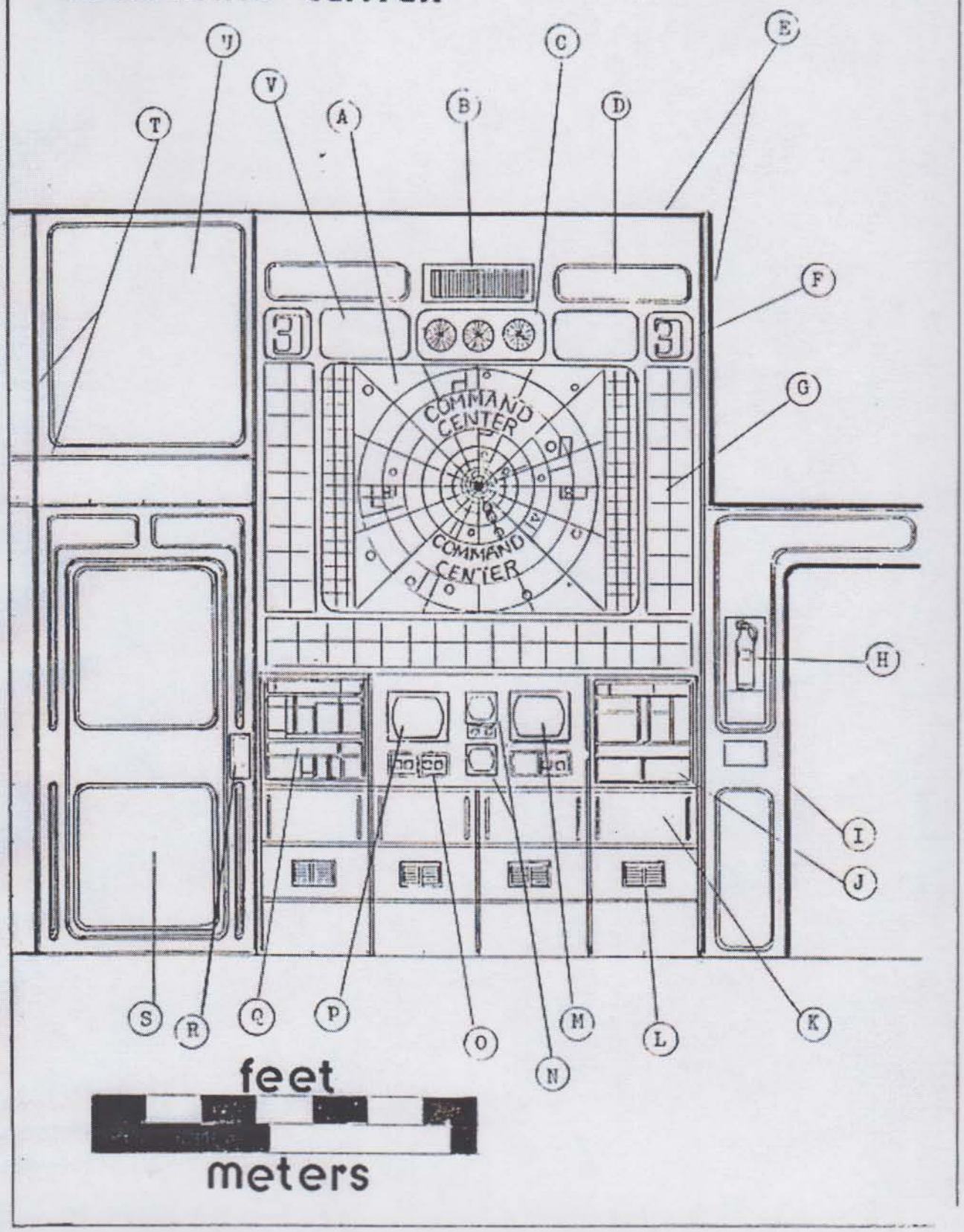
Typical Moonbase Corridor

VIEW SCREEN MAIN MISSION



VIEW SCREEN

COMMAND CENTER



Key

VIEW SCREEN/MAIN MISSION (ALPHA-1043)

(A) VIEW SCREEN/CENTER DIAGRAM
(B) EMERGENCY LIGHTING (LIT NORMALLY BUT STAY LIT SHOULD CENTRAL POWER FAIL)
(C) VENT
(D) INDIVIDUAL CONTROL AREAS
(E) CIELING OUTLINE
(F) VIEW SCREEN MONITOR LIGHTS
(G) MONITOR SCREEN #2 PROGRAMING CONTROLS
(H) MONITOR SCREEN #4 PROGRAMING CONTROLS
(I) MONITOR LIGHTS/ACCESS PANEL
(J) MONITOR SCREENS #3 (TOP) #4 (BOTTOM)
(K) MONITOR SCREEN #2
(L) ACCESS PANEL
(M) MAIN VIEW SCREEN PROGRAMING CONTROLS
(N) MONITOR SCREEN ACTIVATION CONTROLS
(O) MONITOR SCREEN #1
(P) VENT
(Q) MONITOR SCREEN #3 PROGRAMING CONTROLS
(R) LUNAR CHRONOMETER/MOONBASE NAVIGATION SIGNAL CONTROL
(S) MONITOR SCREEN #1 PROGRAMING CONTROLS
(T) COMPUTER (X5) SERIES IDENTIFICATION PLATE
(U) ARCH OUTLINE
(V) BULKHEAD JOINING STRIP
(W) WALL LIGHT
(X) VIEW SCREEN SERIES NUMBER

SCREEN #1: MOONBASE ALPHA RADAR MONITOR
SCREEN #2: MOON ORBITAL RADAR MONITOR
SCREEN #3: MOONBASE ALPHA EXTERIOR SURVEILLANCE MONITOR
SCREEN #4: STAND BY EAGLE AND LAUNCH PAD MONITOR

WITH OPERATING AN INDIVIDUAL MONITOR'S PROGRAMING CONTROLS ALONG WITH MAIN COMPUTER TIE-IN CONTROLS, ANY MATERIAL CAN BE VIEWED OVER MONITOR SCREEN. DURING CONDITION ALERT OR RED ALERT COMPUTER AUTOMATICALLY TAKES OVER SCREEN #3 AND #4 AND BROADCASTS THE RED ALERT TELLTALES. COMPUTER THEN SWITCHES THE SURVEILLANCE AND LAUNCH PAD INPUTS INTO A STAND BY MODE. HOWEVER, RED ALERT TELLTALES CAN BE CANCELLED DURING RED ALERT BY MANUAL COMMAND CONTROLS ON THE COMMANDER'S, MISSION CONTROLLER'S, DATA ANALYST'S, OR SECURITY OFFICER'S DESK, RESTORING MONITORS BACK TO THEIR ORIGINAL PROGRAM DISPLAY.

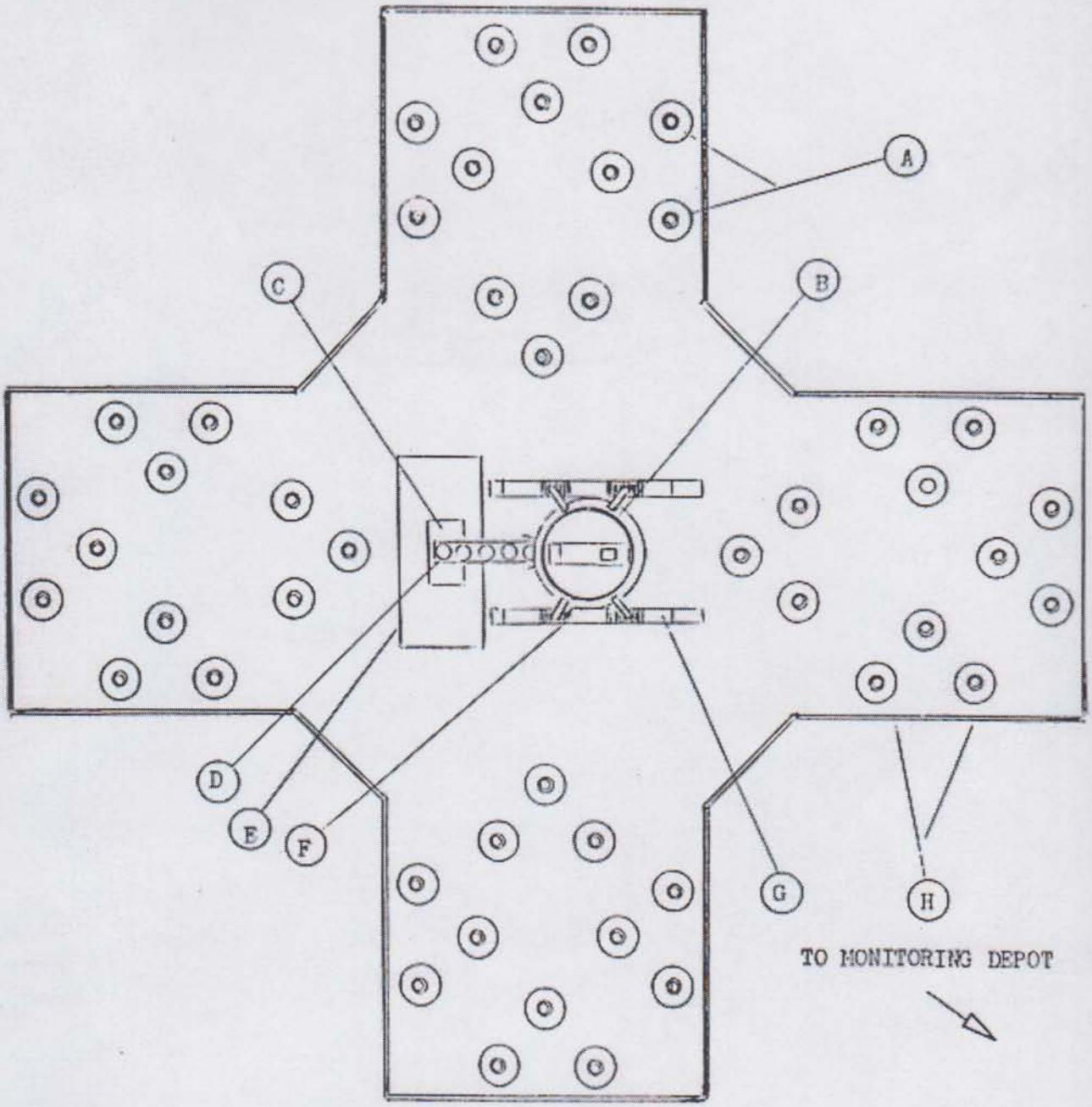
VIEW SCREEN/COMMAND CENTER (ALPHA-1044)

(A) VIEW SCREEN/CENTER DIAGRAM
(B) VENT
(C) INDIVIDUAL CONTROL AREAS
(D) CONCAVED WALL SECTION
(E) CEILING OUTLINE
(F) SCREEN SERIES NUMBER
(G) VIEW SCREEN MONITOR LIGHTS
(H) FIRE EXTINGUISHER
(I) ALCOVE OUTLINE
(J) INDIVIDUAL CONTROLS FOR MONITOR SCREENS
(K) ACCESS PANEL
(L) VENT
(M) MONITOR SCREEN #2
(N) MONITOR SCREENS #3(TOP) #4 (BOTTOM)
(O) MONITOR SCREEN ACTIVATION CONTROLS
(P) MONITOR SCREEN #1
(Q) MAIN COMPUTER TIE-IN CONTROLS/ MAIN VIEW SCREEN PROGRAMING CONTROLS/MOONBASE NAVIGATION SIGNAL CONTROLS
(R) DOOR CONTROL (SEE HARDWARE-2010)
(S) RESTROOM SINGLE SLIDING DOOR
(T) BULKHEAD JOINING STRIP
(U) WALL LIGHT
(V) EMERGENCY LIGHTING (LIT NORMALLY BUT STAY LIT SHOULD CENTRAL POWER FAIL)

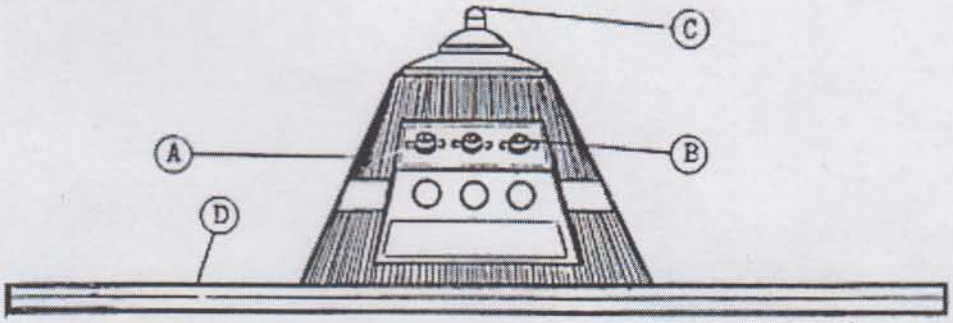
MONITOR SCREENS 1-4 HAVE THE SAME FUNCTION AS THE MAIN MISSION MONITORS.

NUCLEAR WASTE DISPOSAL AREA TWO

(DARK SIDE - CRATER SCHRÖDINGER 75°s 133°e)



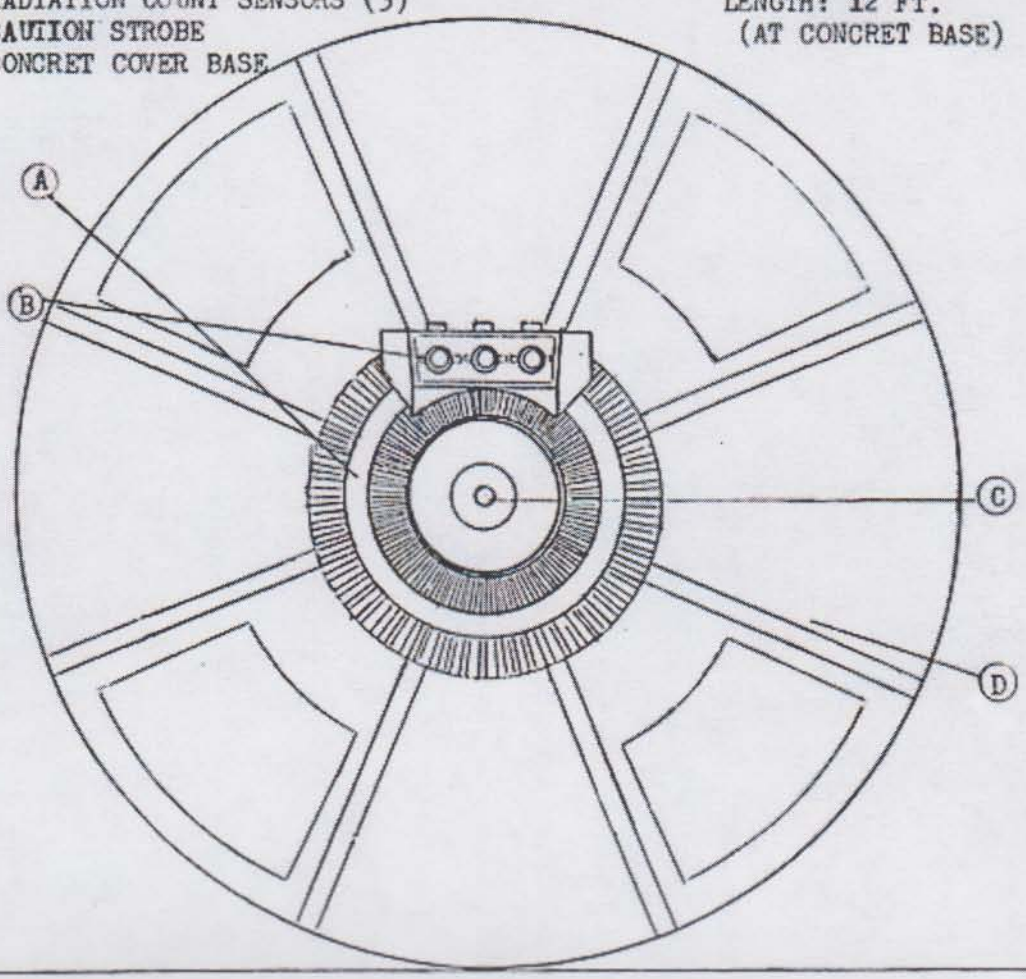
CENTIGRADE RADIATION COVER/MONITOR DOME (AREA TWO)



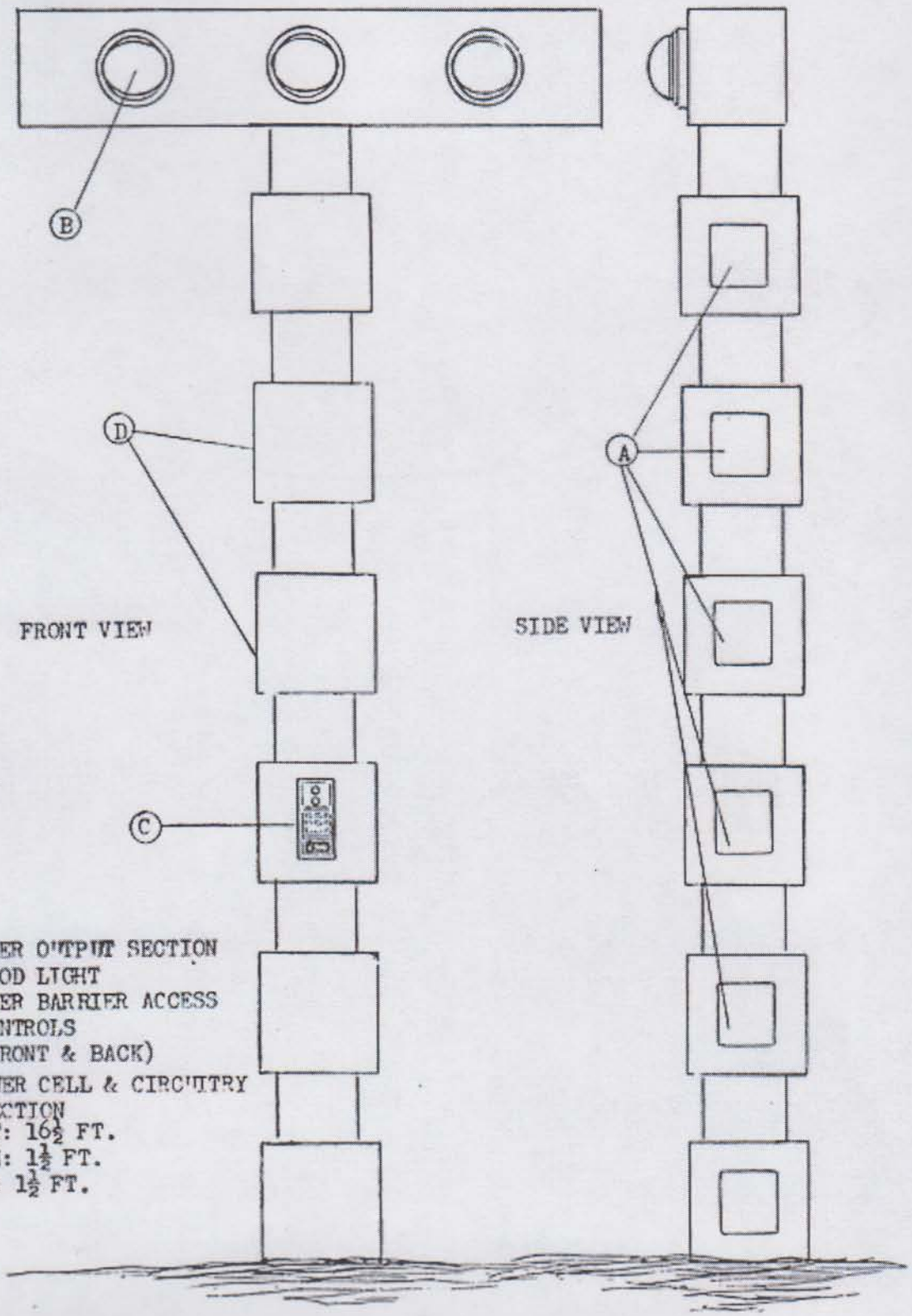
KEY

(A) MONITOR DOME
(B) RADIATION COUNT SENSORS (3)
(C) CAUTION STROBE
(D) CONCRET COVER BASE

HEIGHT: 4 FT.
LENGTH: 12 FT.
(AT CONCRET BASE)



LASER BARRIER
DISPOSAL AREA TWO

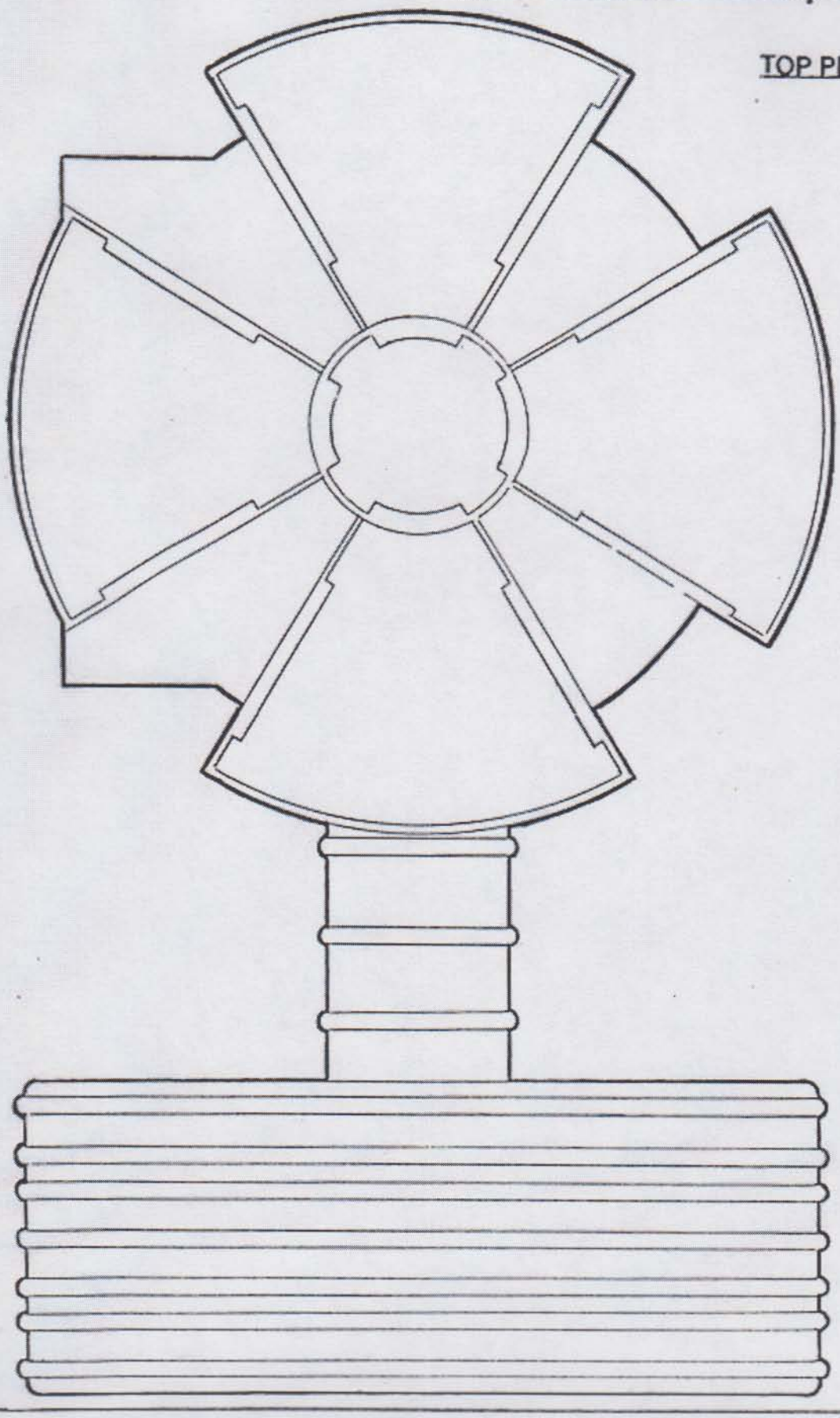


KEY

(A) LASER OUTPUT SECTION
(B) FLOOD LIGHT
(C) LASER BARRIER ACCESS CONTROLS (FRONT & BACK)
(D) POWER CELL & CIRCUITRY SECTION

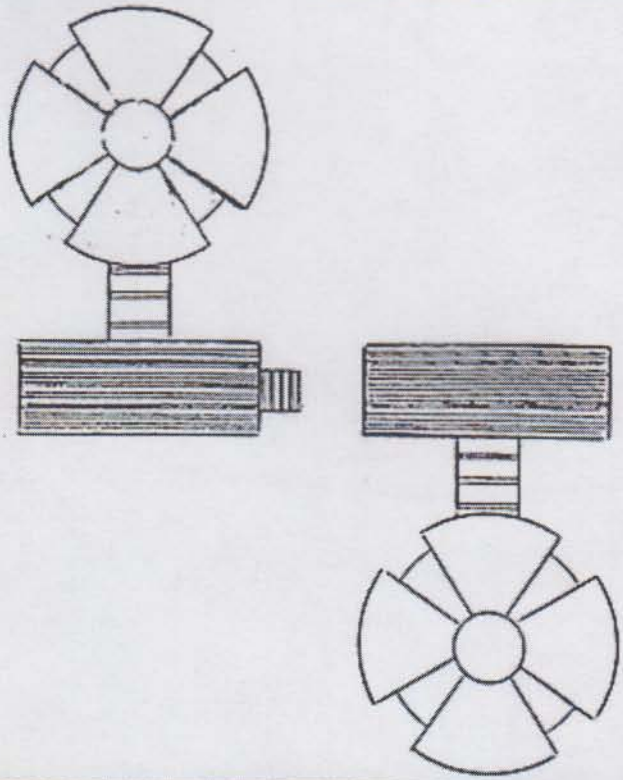
HEIGHT: 16½ FT.
LENGTH: 1½ FT.
WIDTH: 1½ FT.

TOP PLAN VIEW



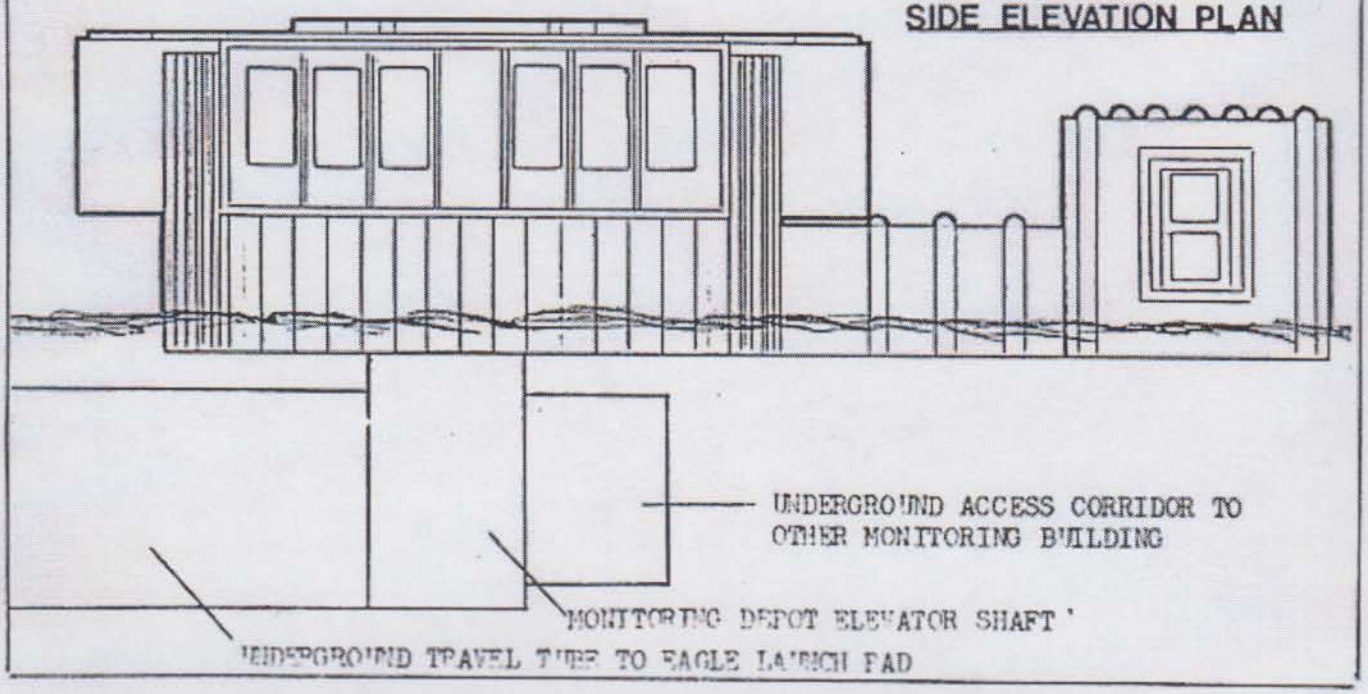
MONITORIG DEPOT AREA TWO

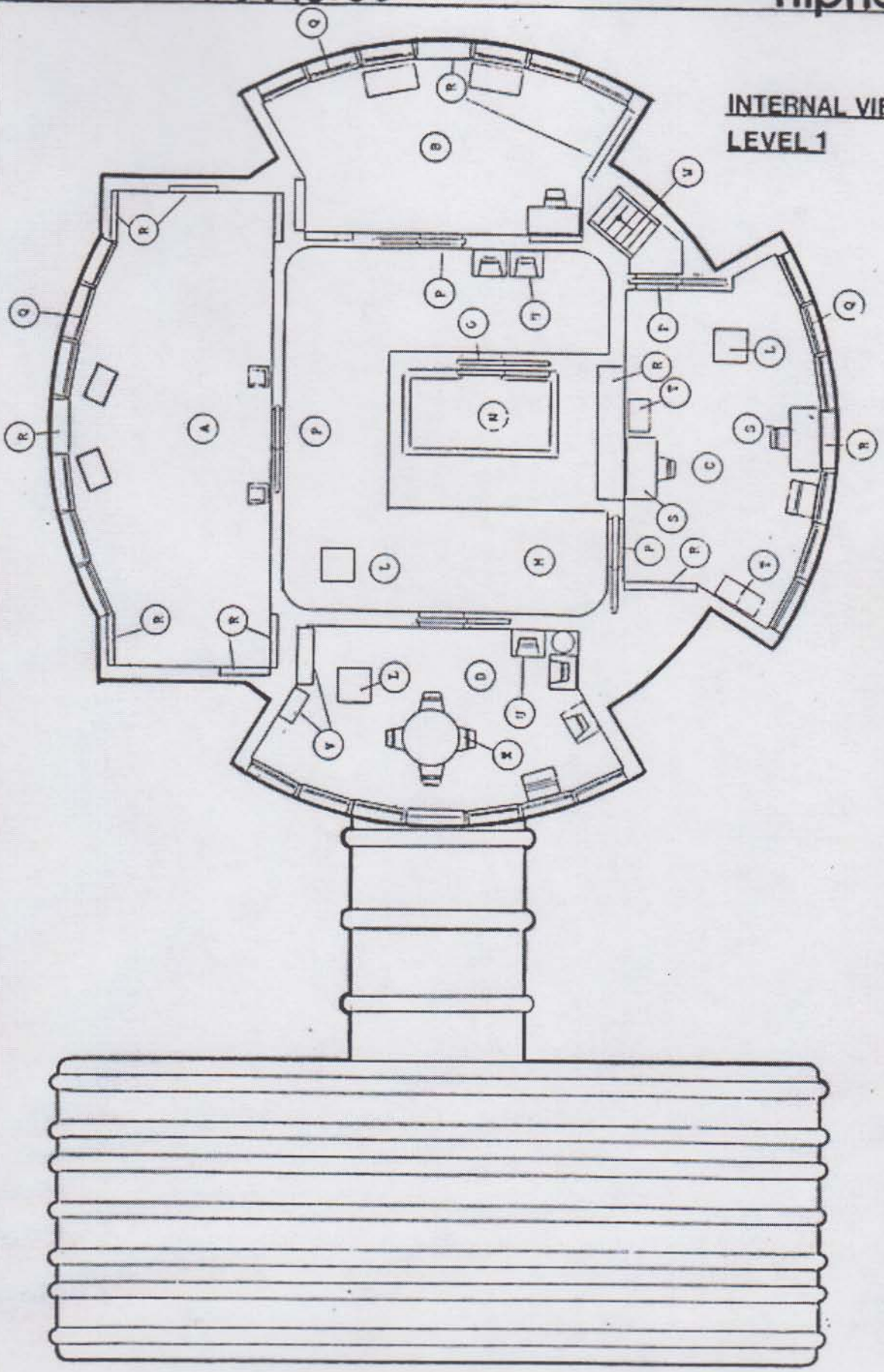
MONITORING DEPOT



TOP PLAN VIEW
GENERAL LAYOUT

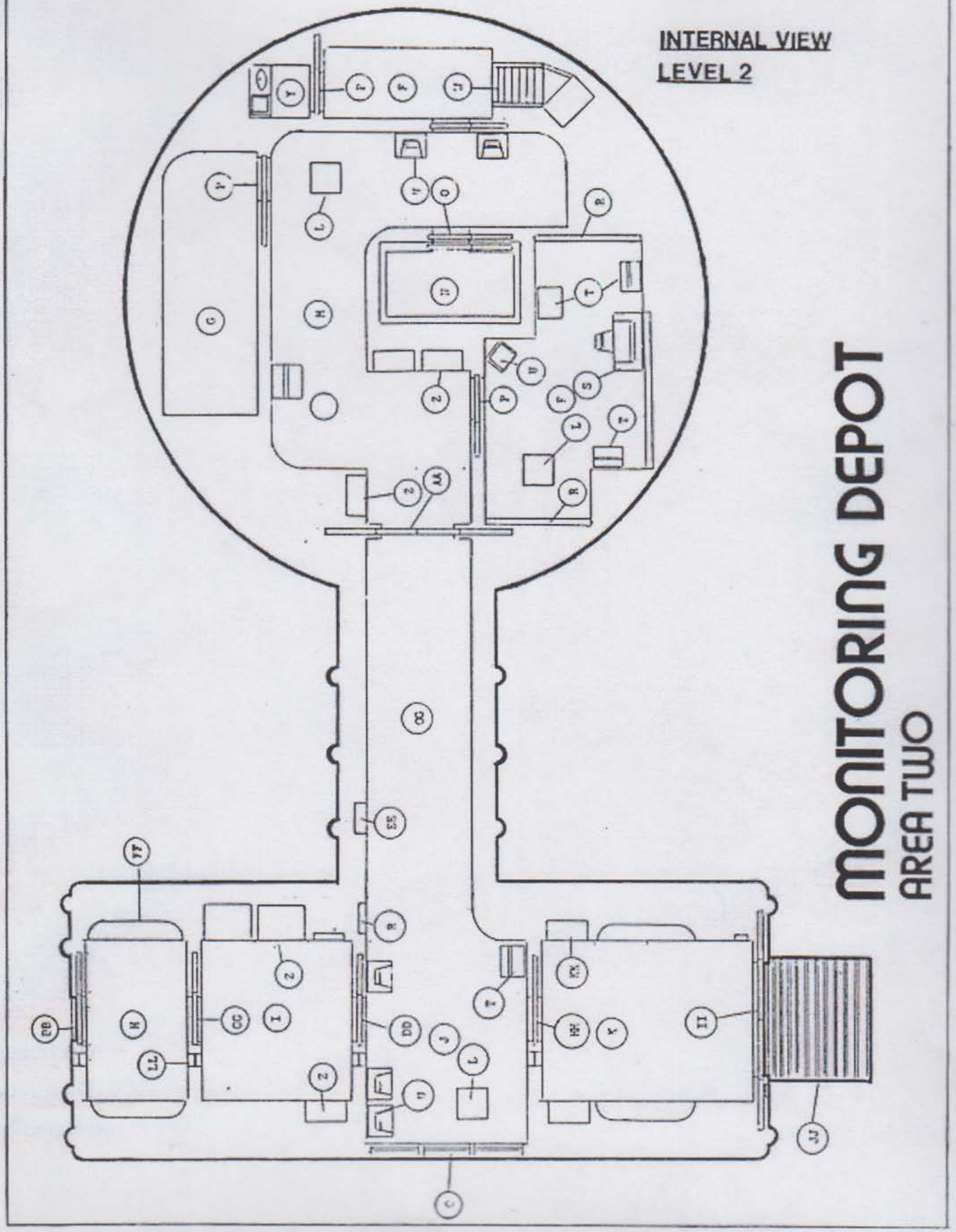
SIDE ELEVATION PLAN





INTERNAL VIEW
LEVEL 1

MONITORING DEPOT
AREA TWO


INTERNAL VIEW
LEVEL 2
MONITORING DEPOT
AREA TWO

NUCLEAR WASTE DISPOSAL

During the later half of the 20th century, nuclear waste disposal became the biggest problem to man of that time. The 1960's and '70's saw numerous disposal grounds for the radioactive waste spring up all over the earth. By the 1980's the number of grounds had increased ten fold, along with the number of increasing illegal dumpings of nuclear materials in the deserted wastes lands of the United States. The 1980's also saw the build up of nuclear arms between the United States and Russia as tensions between the two countries continued to increase, and by 1987 world conflicts posed the threat of a third world war. On June 30, 1987, Switzerland was destroyed by a nuclear device of unknown origin.

July 1, 1987 saw a world peace confrence called. And for the first time during the nuclear age, the world began to realize the power of their thermonuclear weapons. By July 28 of that same year, under the agreements of the peace conference, all nuclear weapons were broken down. Their nuclear material still posing a safty threat, the peace commision along with the International Lunar Finance Commision (responsible for the construction of the Centuri space dock in 1981, and Moonbase Alpha in 1983) agreed upon creating a site on the far side of the moon for the dumping of these hazardous wastes of man. The site was designated as Area One, and was located in the crater Planck at 58°S and 138°E. Constructed from October 12, 1987 to February 9, 1988, it began receiving it's first canisters of nuclear waste on March 5, 1988. And continued to do so for the next 6 years, until new methods for storage of nuclear waste warrented the shut down of the 3½ mile in diameter dump.

The new site, designated Nuclear Disopsal Area Two, was located within the crater Schrödinger, which is fairly close to the moon's south pole on the far side at 75°S and 133°E, some 380 miles from Area One. Area Two consisted of several dumping grounds for the radioactive waste brought from Earth. The first site began operation on January 9, 1994, incorporating the newly designed centigrade radiation cover monitors, and by January 1999, the number of sites at Area Two had grown to 7. Each site ranged in size from .7 to 3 miles in diameter and housed 47 to 94 silos ten thousand feet deep.

The 1 mile diameter site 7 was the last in operation and 3/4 full before the heat from magnetic radiation building within the nuclear waste silos caused the thermonuclear explosion which in turn detonated the remaining 6 sites, hurtling the moon out of Earths orbit.

An 8th site, located at 49°S and 141°E in the crater Ceraski, some 180 miles North East of Area One, and 549 miles North East of Area Two, was an improved extension of Area One. It was to become Area Two when the centigrade radiation covers were designed, but it was decided to construct another site at a new location in the crater Schrödinger. This site,not affected by the flareup of Area One, and escaping the explosion of the far off Area Two, somehow managed to maintain it's magnetic levels for the following 8 years after leaving Earth. However, this site was detonated by the Alphans 2017 days after leaving Earth to again alter the moon's course to avoid collision with the planet Tora.

Presently there is only 1 nuclear waste dump remaining on the moon. It is located on the Near Side in the crater Fracastorius at 21°S and 33°E, within the Sea Of Nectar. It is designated as the Nuclear Waste Domes and has no identification name. This site was constructed after leaving Earth for the disposal of the minimal nuclear waste created by Moonbase Alpha. This site escaped detonation 1918 days after leaving Earth, when Commander John Koenig defeated the aliens claiming to be a rescue team from Earth. This site is constantly monitored by Moonbase Alpha.

Key

NUCLEAR WASTE DISPOSAL AREA TWO KEY
(ALPHA-1046)

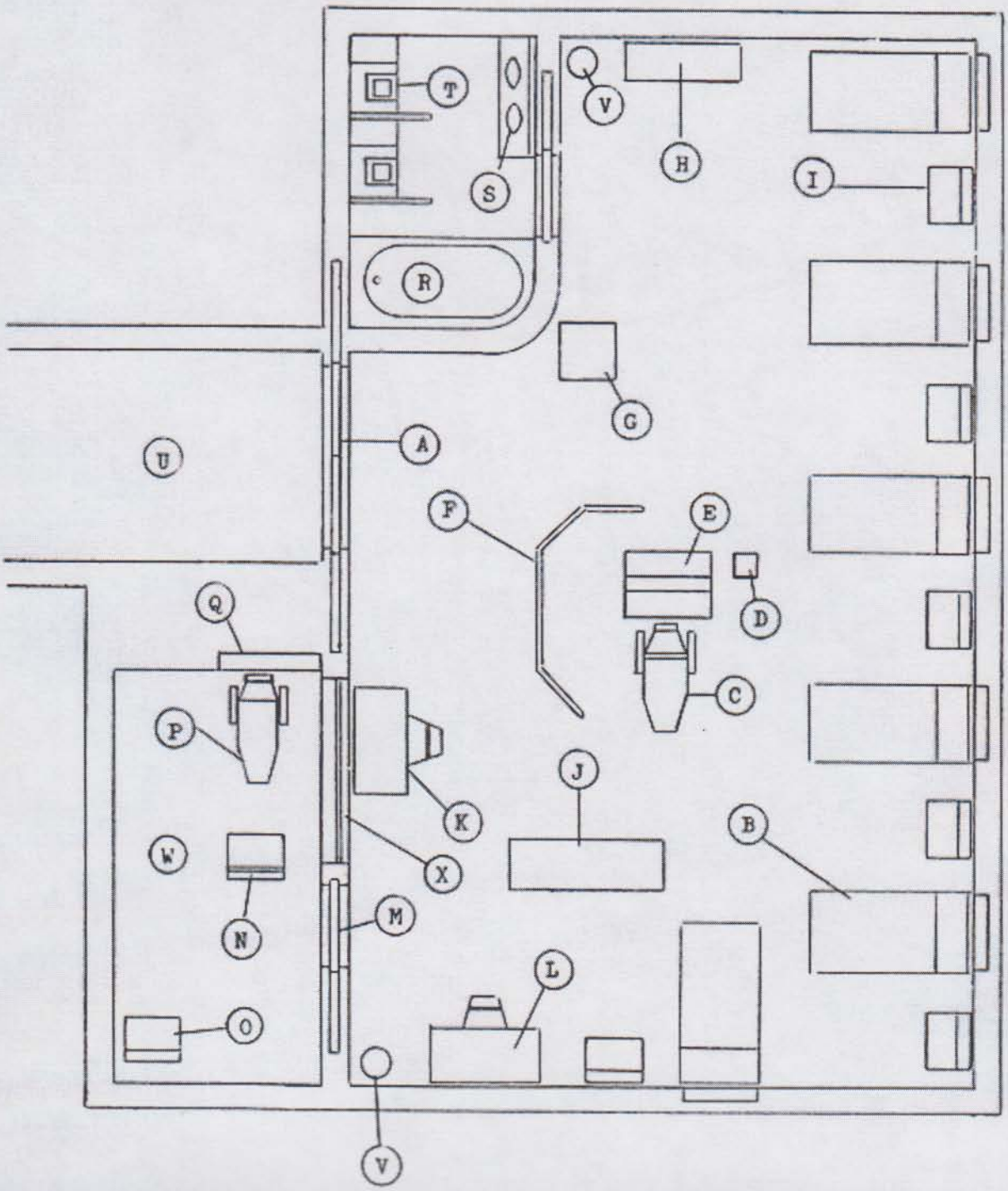
(A) CENTIGRADE RADIATION COVERS (46)
(SEE ALPHA - 1047)
(B) DISPOSAL STORAGE UNIT
(C) DISPOSAL CANNISTER TRANSPORT MODULE
(DETATCHED FROM EAGEL)
(D) CONVEYOR BELT
(E) EAGLE LANDING PAD
(F) STORAGE UNIT MOBILITY TREADS
(G) POSITIONING TRACK FOR STORAGE UNIT
(H) LASER BARRIER (SEE ALPHA - 1048)

AREA TWO MONITORING DEPOT (ALPHA-1051-1052)

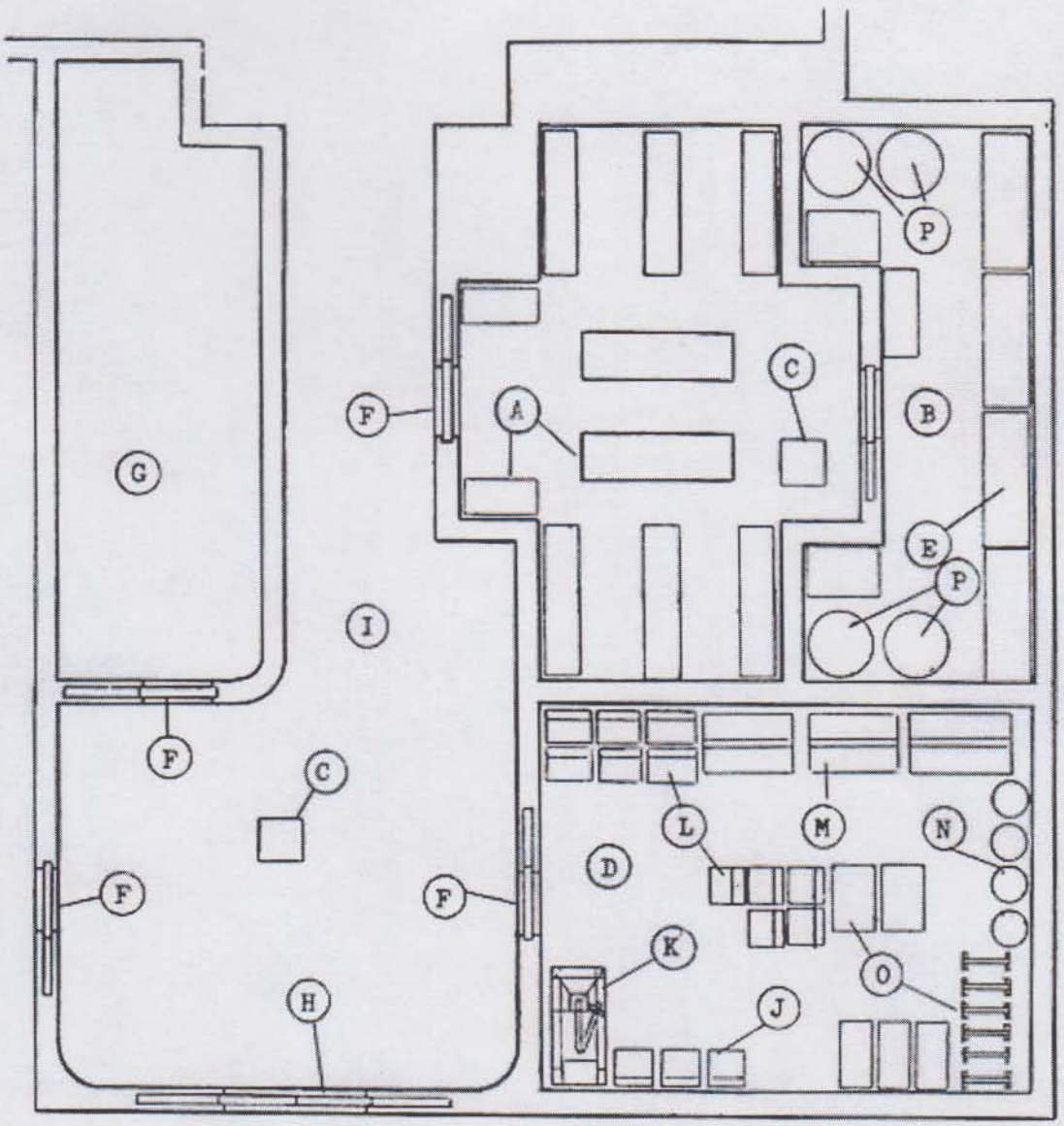
(A) AREA TWO SITE #7 MAIN OBSERVATION/MONITORING ROOM
(B) NEW WASTE CANNISTER ARRIVAL DISPATCHING STATION
(C) AREA TWO SITE #7 FILING AND DISTRIBUTION CENTER
(D) LOUNGE
(E) DEPOT LIFE SUPPORT ROOM
(F) ACCESS CORRIDOR
(G) STORAGE AREA
(H) OUTER AIRLOCK/DECONTAMINATION
(I) INNER AIRLOCK/SPACESUIT AND GEAR STORAGE
(J) DECONTAMINATION MONITORING AREA
(K) MOONBUGGY AIRLOCK/STORAGE
(L) COMMUNICATIONS POST
(M) CORRIDOR
(N) ELEVATOR
(O) ELEVATOR SLIDING DOORS
(P) SINGLE SLIDING DOOR
(Q)
(R) COMPUTER PANEL
(S) MONITORING DESK AND CHAIR
(T) VARIOUS MOBILE MONITORING UNITS
(U) CHAIR
(V) FOOD AND DRINKS DISPENCER
(W) EMERGENCY STAIRWELL
(X) TABLE AND CHAIRS
(Y) RESTROOM
(Z) SPACESUIT STORAGE
(AA) ISOLATION DOORS
(BB) OUTER AIRLOCK DOOR
(CC) INNER AIRLOCK DOOR
(DD) AIRLOCK ENTRY DOOR
(EE) DRINKS MACHINE
(FF) DECONTAMINATION
(GG) CONNECTING CORRIDOR
(HH) MOONBUGGY AIRLOCK INNER DOOR
(II) MOONBUGGY AIRLOCK OUTER DOOR
(JJ) MOONBUGGY RAMP
(KK) GEAR STORAGE
(LL) AIRLOCK CONTROL PANEL

COMPLEMENT:
TECHNICIANS: 3

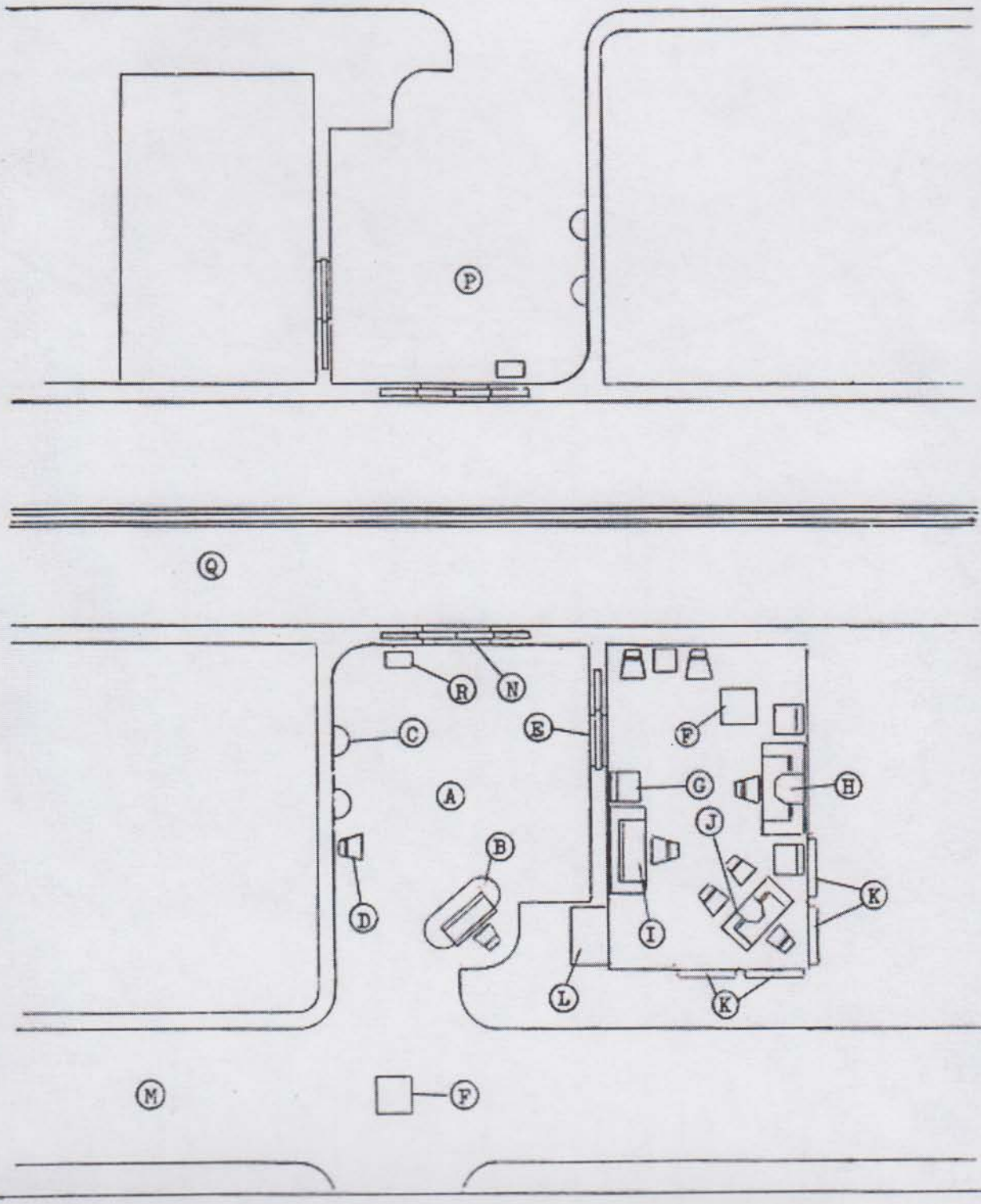
MEDICAL CENTER
MAIN DIAGNOSTIC UNIT
LEVEL J



MEDICAL STORES
LEVEL M



RECEPTION AREA
UNDERGROUND LEVELS



Key

MEDICAL CENTER/MAIN DIAGNOSTIC UNIT
LEVEL J (ALPHA-1055)

(A) DOUBLE SLIDING DOORS
(B) BEDS (6) MEDICAL COMPUTERS IN WALL
(C) OPERATING TABLE
(D) STRUCTURE BEAM/MEDICAL LIGHT ATTACHED
(E) LIFE SUPPORT UNIT
(F) MOBILE WALL UNIT
(G) COMMUNICATIONS POST
(H) MEDICINE TABLE
(I) MOBILE MONITORING UNIT
(J) MEDICAL INSTRUMENT TABLE
(K) MEDICAL OFFICER'S DESK AND CHAIR
(L) DESK AND CHAIR
(M) SINGLE SLIDING DOOR
(N) BODY SYSTEMS MONITORING UNIT
(O) FILING UNIT
(P) DIAGNOSTIC TABLE
(Q) MEDICAL COMPUTER
(R) BATHTUB
(S) SINKS (2)
(T) TOILET (2)
(U) CORRIDOR
(V) WASTE DISPOSAL CAN (2)
(W) DIAGNOSTIC OBSERVATION ROOM
(X) OBSERVATION WINDOW

COMPLEMENT:
MEDICAL OFFICERS (2)
NURSES (3)

MEDICAL STORES/LEVEL M (ALPHA-1056)

(A) MEDICAL SUPPLIES STORAGE SHELVES
(B) REFRIGERATED SUPPLIES STORE
(C) COMMUNICATIONS POST
(D) MEDICAL EQUIPMENT STORAGE UNIT
(E) STORAGE UNITS WITH INDIVIDUAL TEMPERATURE CONTROLS
(F) SINGLE SLIDING DOOR
(G) MEDICAL LINEN STORAGE UNIT
(H) ELEVATOR DOORS
(I) CORRIDOR
(J) MOBILE FILING UNITS
(K) THERMOGRAPHIC SCAN MACHINE
(L) MOBILE MONITORING UNITS
(M) LIFE SUPPORT UNITS
(N) WASTE DISPOSAL CANISTERS
(O) MEDICINE RACKS/TABLES
(P) SPERM BANK STORAGE CONTAINER

WITH THE CASUALTY RATE AMONG THE MALE MEMBERS OF MOONBASE ALPHA EXTREMELY HIGH, 2225 DAY AFTER LEAVING EARTH THE MEDICAL BOARD, HEADED BY DR. HELENA RUSSELL AND APPROVED BY COMMANDER JOHN KOENIG, CREATED A SPERM BANK TO ENSURE THE SURVIVAL OF THE HUMAN RACE SHOULD MOST OF THE MALES OF ALPHA DIE OR BECOME STERILE BY SOME YET UNKNOWN EVENT.

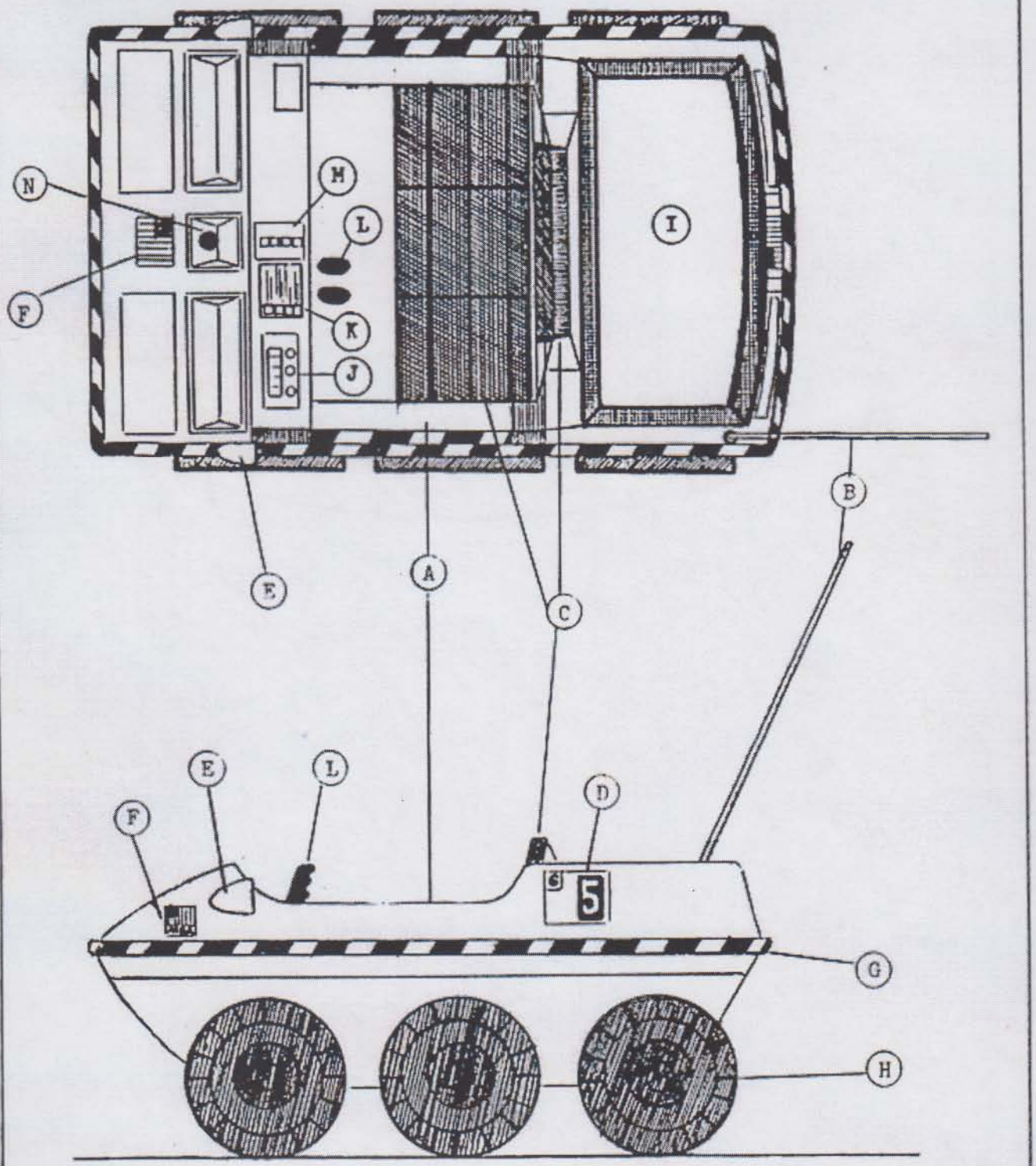
RECEPTION AREA/UNDERGROUND LEVELS
(ALPHA-1057)

(A) MAIN RECEPTION AREA
(B) RECEPTIONIST'S DESK AND CHAIR
(C) VISUAL PHONE CENTER
(D) TRAVEL TUBE WAITING CHAIR
(E) SINGLE SLIDING DOOR
(F) COMMUNICATIONS POST
(G) MOBILE FILING UNIT
(H) SECTION MONITORING DESK
(I) COMMLOCK ISSUER'S DESK
(J) SECTION ORIENTATER'S DESK
(K) WALL MAPS OF THE SECTIONS FOUR DIFFERENT LEVELS
(L) COMMLOCK STORAGE UNIT
(M) CORRIDOR
(N) DOUBLE SLIDING DOORS
(O) TRAVEL TUBE TRACK
(P) RECEPTION AREA ON OTHER SIDE OF TRAVEL TUBE
(Q) TRAVEL TUBE TUNNEL
(R) DRINKS MACHINE

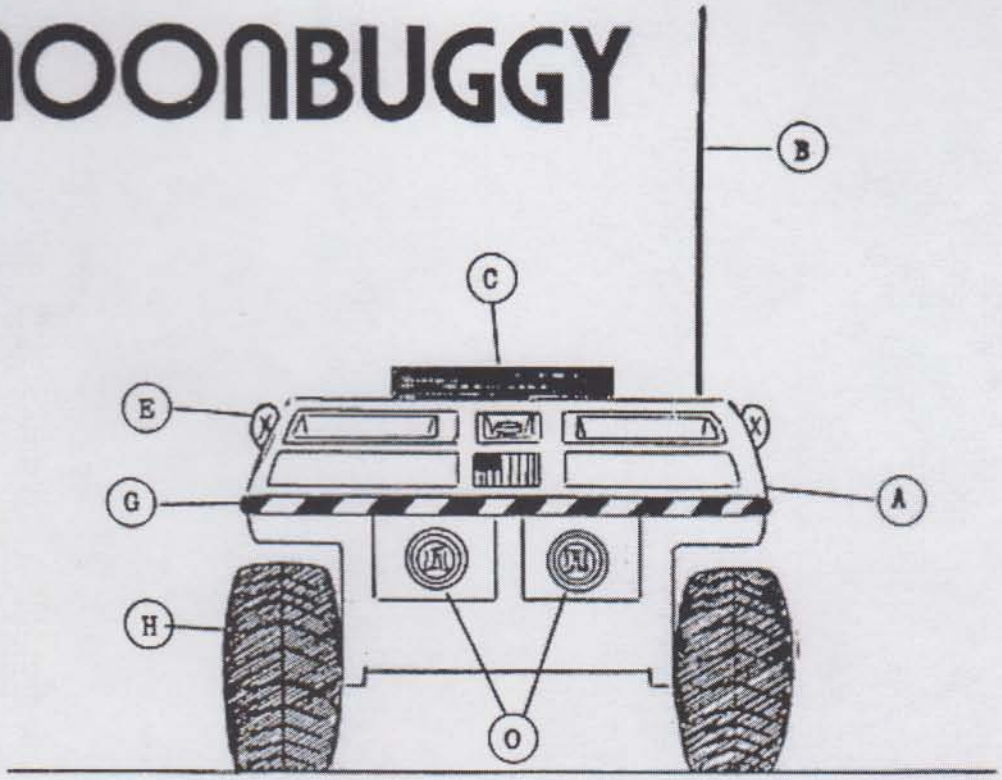
COMPLEMENT:
DATA TECHNICIANS (4)

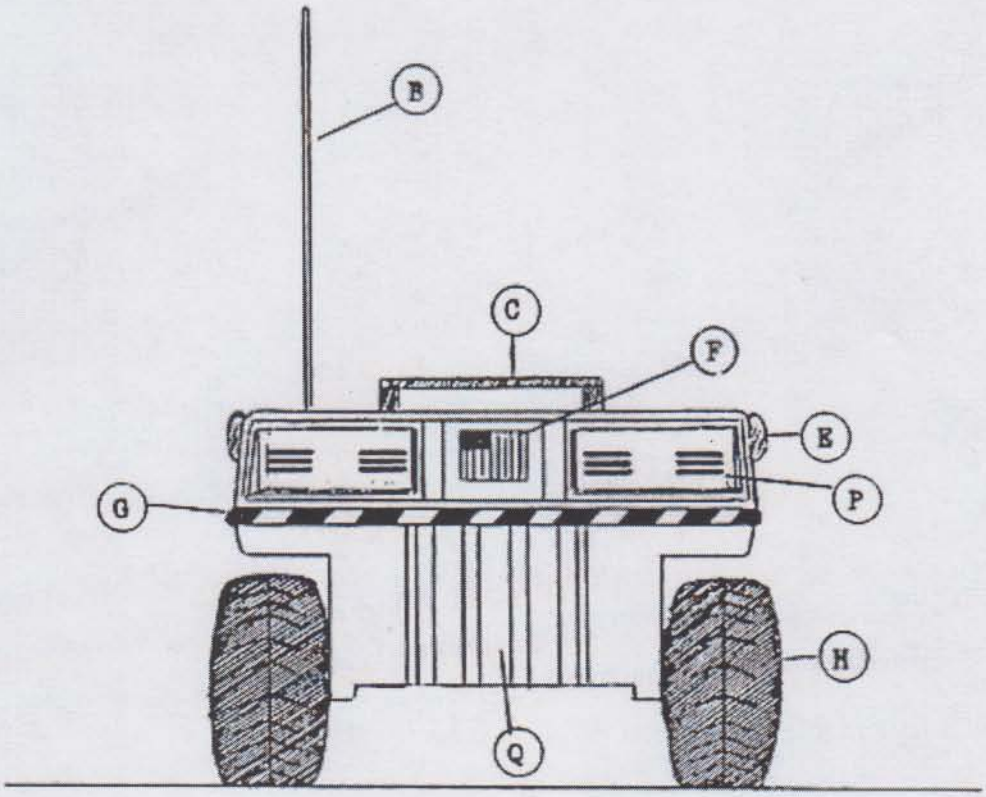
AFTER BREAKAWAY ONLY THE GENERAL OPERATIONS SECTIONS CONTINUED THE BASIC RECEPTIONIST AND RECEPTION AREA SERVICES FOR NORMAL FLOW OF MOONBASE FUNCTIONS. ALL OTHER RECEPTION AREAS OF NON IMPORTANCE TO THE FUNCTION OF THE BASE (I.E. LIVING AREA-RECREATION AREA-MOONBASE ORIENTATION CENTER-AND CERTAIN AREAS OF EVERY SECTION) CLOSED DOWN AND THE TECHNICIANS REASSIGNED ELSEWHERE WITHIN THE DATA SECTION OR OTHER DEPARTMENTS DEPENDING ON THE INDIVIDUALS BACKGROUND.

MOONBUGGY



MOONBUGGY

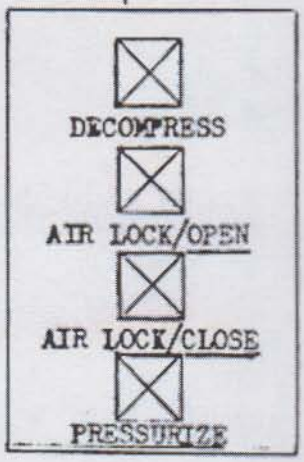


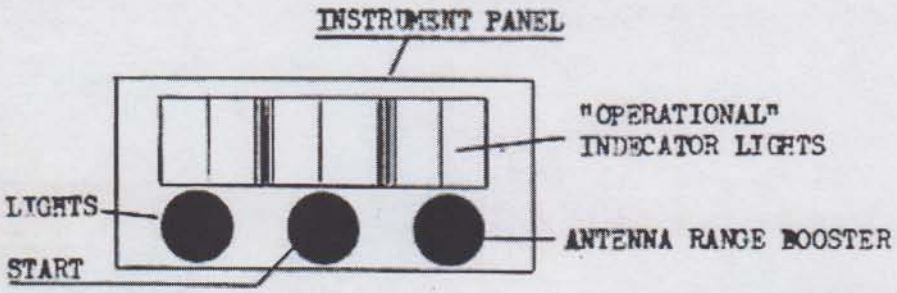


MOON BUGGY KEY

(A) MOON BUGGY
(B) COMMUNICATIONS ANTENNA
(C) SEAT
(D) AIR LOCK & SECTION IDENTIFICATION
(E) SIDE REAR VIEW MIRROR (2)
(F) INTERSPACE RESEARCH COMMISION IDENTIFICATION SEAL
(G) PROTECTIVE RUBBER GUARDING
(H) MOON BUGGY TIRE (6)
(I) STORAGE AREA
(J) MOON BUGGY INSTRUMENT PANEL
(K) CONTROL STICK INSTRUCTION PANEL
(L) HAND GRIP CONTROL STICKS
(M) AIR LOCK CONTROL PANEL
(N) RECHARGING CABLE CONNECTION HOOK UP
(O) HEAD LIGHTS (2)
(P) VENTS
(Q) ENGINE ACCESS PLATES

AIR LOCK CONTROL PANEL





CONTROL STICK INSTRUCTION PANEL

FORWARD/

Push both control sticks forward for forward motion.

RIGHT TURN/

Pull right control stick back to obtain rightward motion. Keep left control stick forward.

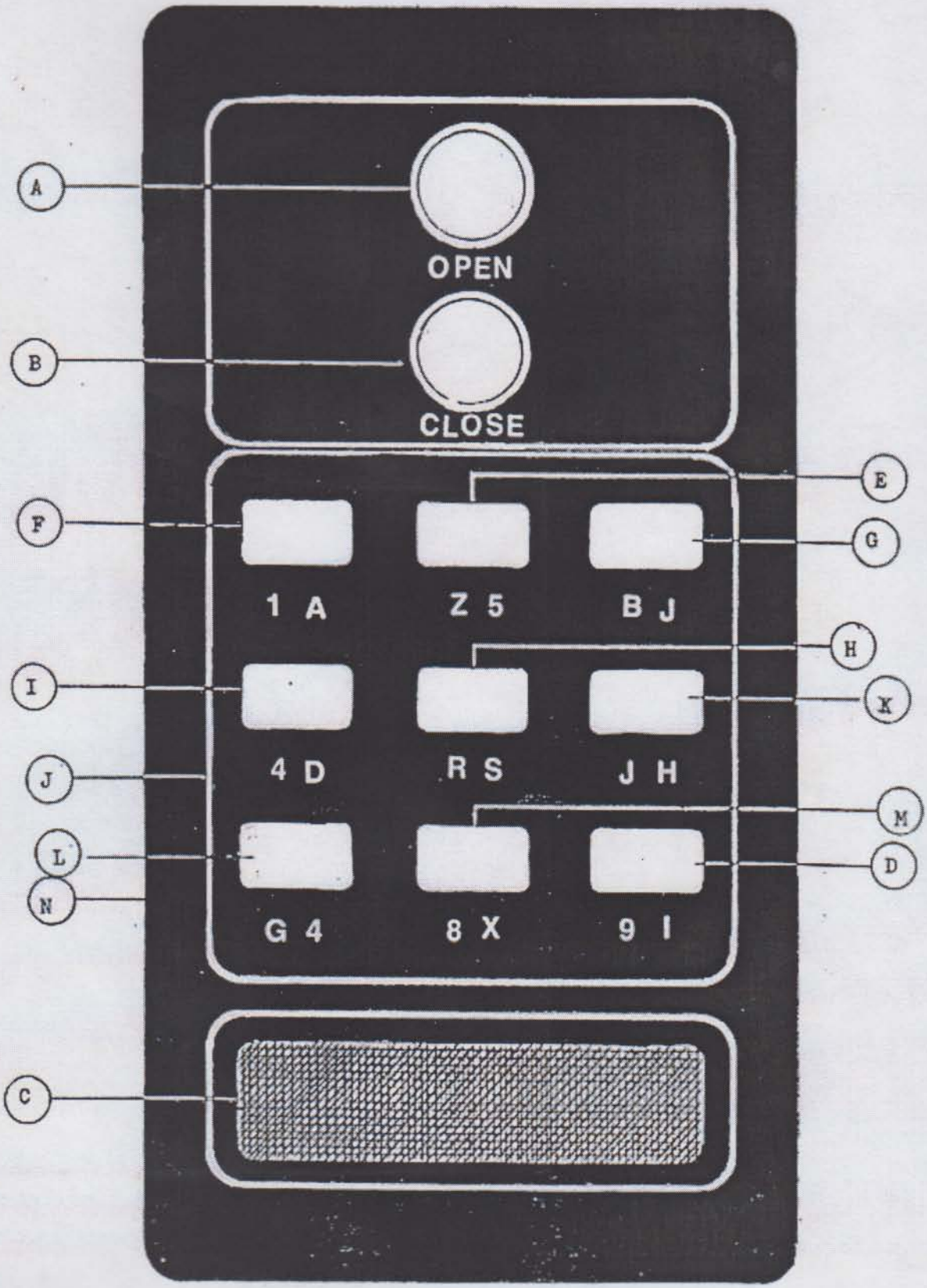
LEFT TURN/

Pull left control stick back to obtain leftward motion. Keep right control stick forward.

STOP/

Pull both control sticks back to bring buggy to complete stop.

DOOR CONTROL



DOOR CONTROL KEY (SLIDING DOOR CONTROL-2010)

(A) OPEN BUTTON
(B) CLOSE BUTTON
(C) COMMLOCK FREQUENCY CONTROL SCREEN/INTERCOM

DOOR CONTROL KEY BOARD

(D) 91 ACTIVATES INTERCOM
(E) Z5 SECONDARY OPEN BUTTON
(F) IA MODE BUTTON
(G) BJ LIGHTING CONTROL (LIVING UNIT ONLY)
(H) FS GENERAL ATMOSPHERE CONTROL (HEATING)
(I) LD GENERAL ATMOSPHERE CONTROL (AIR CONDITIONING)
(J) PANEL DETAIL STRIPING
(K) JH GENERAL ATMOSPHERE CONTROL ALLOCATION BUTTON
(L) GL DOOR BUZZER ON/OFF BUTTON
(M) 8X DOOR BUZZER LOUDNESS CONTROL
(N) DOOR CONTROL PANEL WALL PLATE

(D) PRESS IN TO ACTIVATE. DEPRESS FOR DEACTIVATION
(E) PRESS IN TO ACTIVATE. AUTOMATICALLY DEPRESSES.
(F) PRESS TWICE TO ACTIVATE KEY BOARD PERSONAL DOOR COMBINATION CONTROL. AUTOMATICALLY DEPRESSES.
PRESS THREE TIMES TO RETURN TO REGULAR MODE. AUTOMATICALLY DEPRESSES.
(G) PRESS IN TO ACTIVATE CEILING LIGHTS. DEPRESS TO TURN OFF.
(H) PRESS IN TO ACTIVATE HEATING UNIT. DEPRESS TO DEACTIVATE.
(I) PRESS IN TO ACTIVATE AIR CONDITIONING UNIT. DEPRESS TO DEACTIVATE.
(K) PRESS IN X AMOUNT OF TIMES TO ALLOCATE TEPERATURE. DEPRESSES AUTOMATICALLY
(L) PRESS IN FOR ON. DEPRESS FOR OFF (ON INSIDE ROOM PANEL). PRESS IN TO ACTIVATE DOOR BUZZER. DEPRESSES AUTOMATICALLY. ACTIVATES INTERCOM. "OUT" INSIDE ROOM SIMULTAINIOUSLY. THE INTERCOM ACTIVATION THEN NEEDS TO BE PRESSED IN FOR THE LINE TO BE OPENED BOTH WAYS (ON CORRIDOR DOOR PANEL).
(M) PRESS IN UP TO 6 TIMES FOR LOUDNESS. A 7TH TIME REDUCES THE VOLUME BACK DOWN TO ORIGINAL LOUDNESS SETTING.

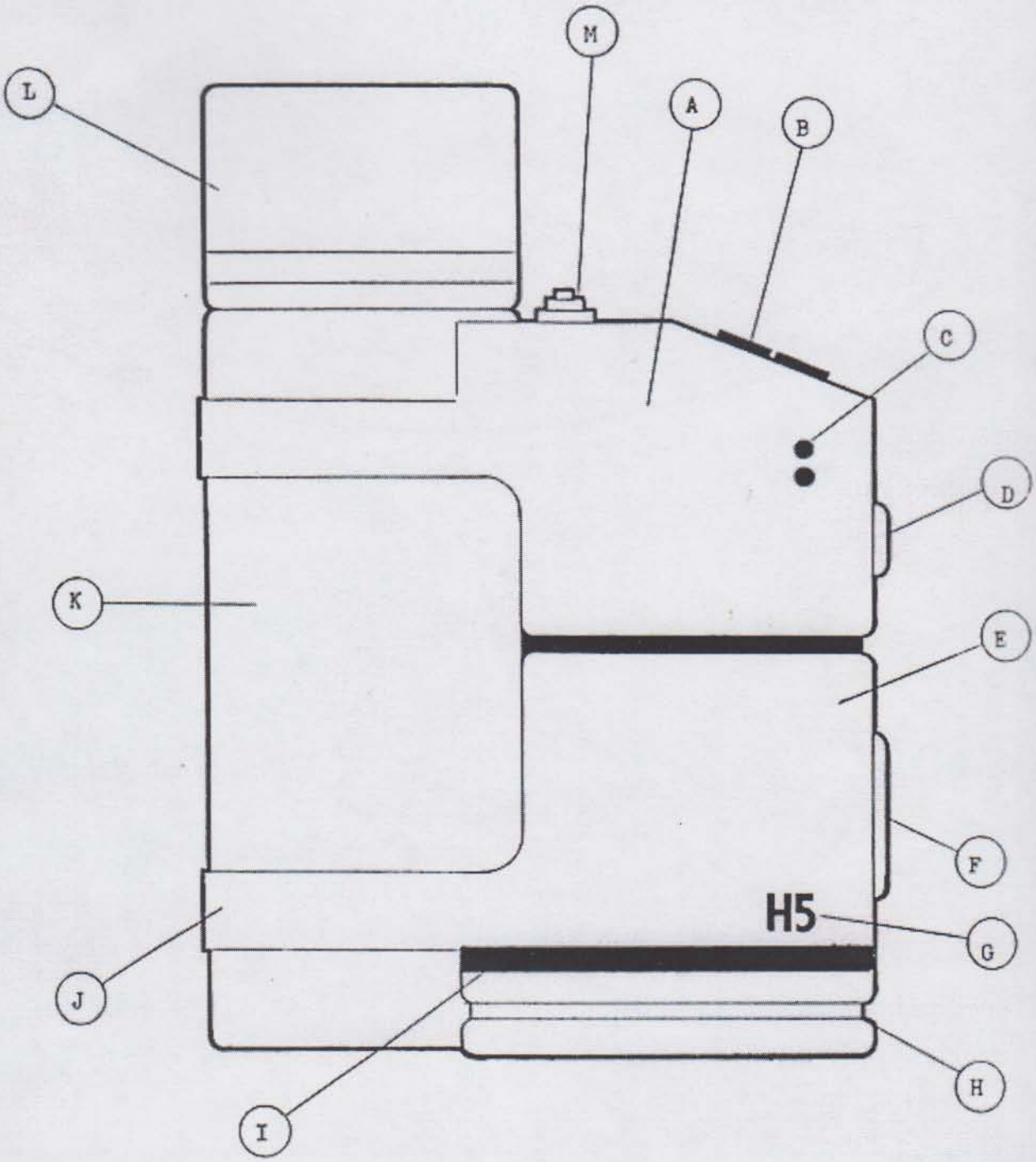
THE DOOR CONTROL PANEL APPEARS AT EVERY SEALED ENTRY POINT ON MOONBASE ALPHA. IT IS USUALLY LOCATED TO THE RIGHT OF THE DOOR IF VIEWED FROM THE OUTSIDE OF A UNIT. AND LOCATED TO THE LEFT IF VIEWED FROM INSIDE THE UNIT.
MOST MOONBASE DOORS OPEN TO THE OPPOSITE SIDE OF THE DOOR CONTROL PANEL. HOWEVER, THERE ARE A FEW EXCEPTIONS WHERE THEY OPEN TO THE SAME SIDE AS THE CONTROL PANNEL. BASICALLY DEPENDING ON THE CONSTRUCTION OF THE SURROUND-AREA.

THE DOOR CONTROL PANEL FUNCTIONS DESCRIBED HERE ARE IN USE WITH ALL MOONEASE COMPARTMENTS WITH THE EXCEPTION OF AIRLOCKS, TRAVEL TUBES, LAUNCH PAD BOARDING TUBES, AND THE LASER BARRIER AT THE NUCLEAR DISPOSAL AREAS.

BUTTONS (GL) AND (8X) IN THE MODE DESCRIBED HERE ARE IN USE ONLY WITH ALL MOONBASE LIVING UNIT QUARTERS.

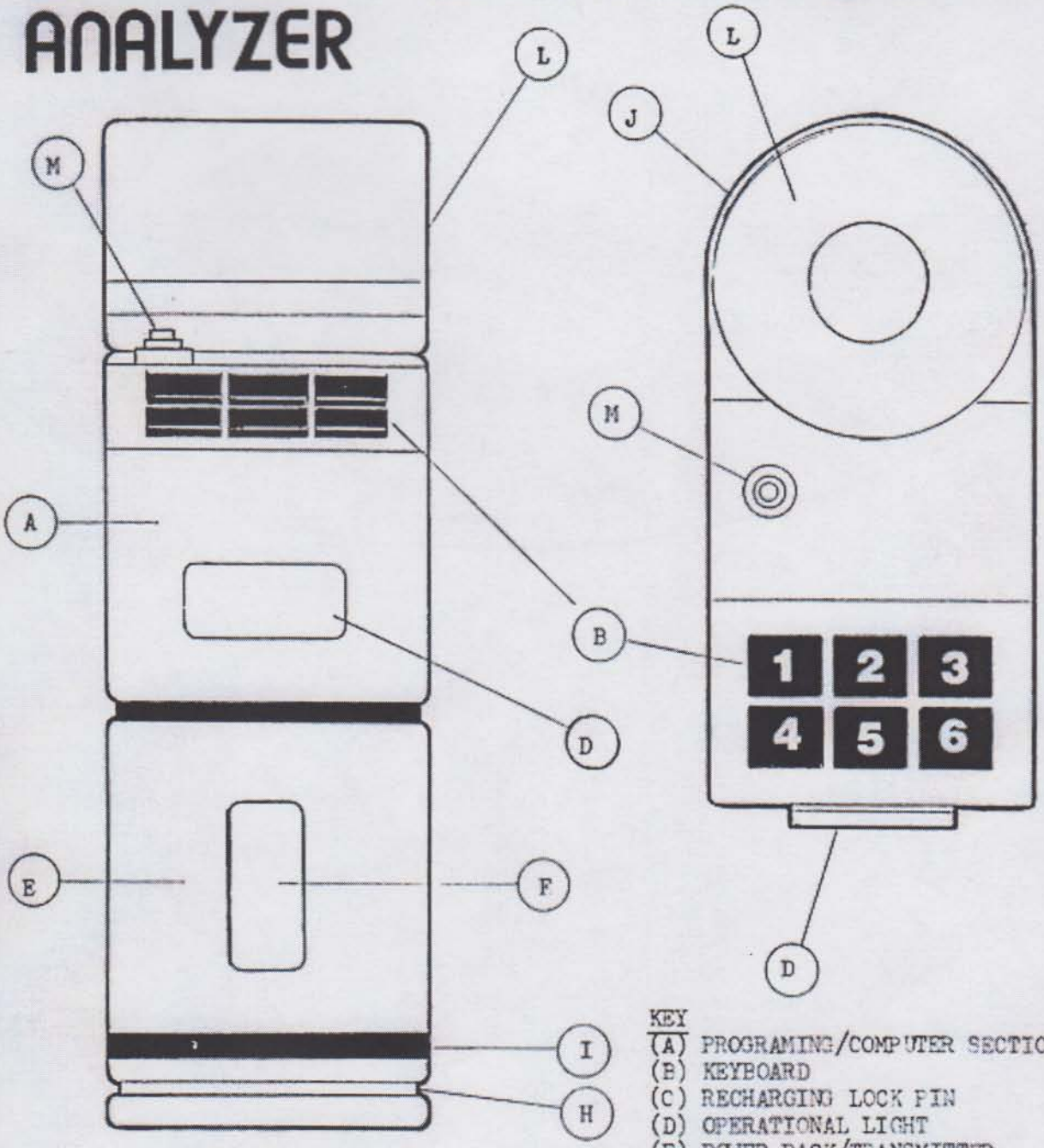
SEE ELSEWHERE FOR OTHER DOOR CONTROL PANEL OPERATION USE.

LIQUID PURIFICATION ANALYZER



EFFECTIVE RANGE: 2 MILES
CHANNELED THROUGH EAGLE OR MOONBASE COMMUNICATIONS SYSTEM: 50 MILLION MILES

LIQUID PURIFICATION ANALYZER



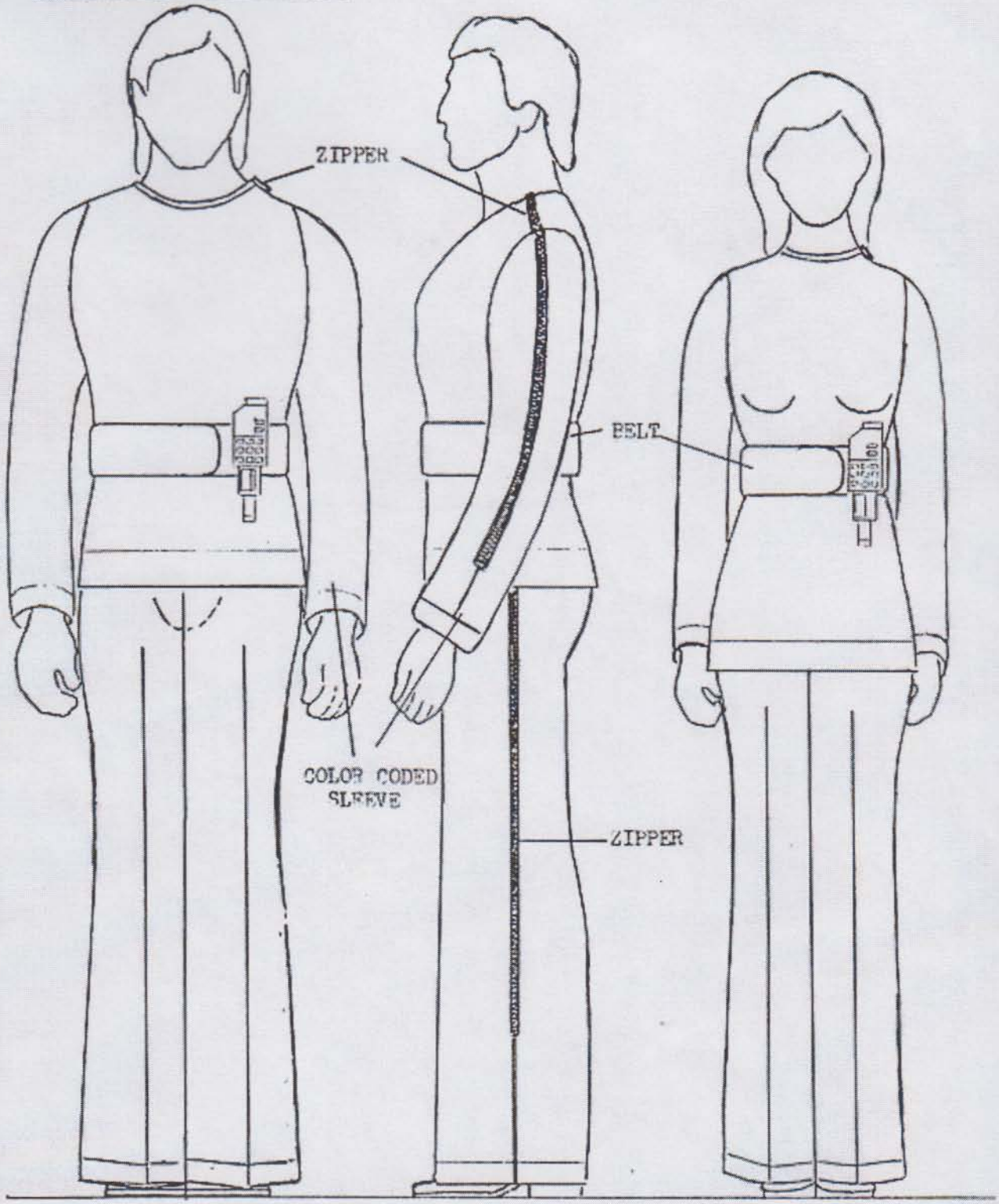
KEY

(A) PROGRAMING/COMPUTER SECTION
(B) KEYBOARD
(C) RECHARGING LOCK PIN
(D) OPERATIONAL LIGHT
(E) POWER PACK/TRANSMITTER
(F) ON/OFF SWITCH
(G) UNIT IDENTIFICATION
(H) RECHARGING UNIT GLIDE TRACK
(I) MAGNETIC RECHARGING GRID
(J) BOTTLE HOLDING STRAP
(K) SCANNER BOTTLE
(L) BOTTLE CAP
(M) ANTENNA

THE LIQUID PURIFICATION ANALYZER WAS DESIGNED AND BUILT BY PROF. VICTOR BERGMAN ON MOONBASE ALPHA SHORTLY AFTER BREAKAWAY WHEN IT BECAME APPARENT THAT THE ALPHANS WOULD NEED SOME KIND OF DEVICE TO ANALYZE THE WATER OF TERRA NOVA. SINCE THAT EXPEDITION, 79 ADDITIONAL UNITS WERE CREATED AND ADDED TO THE STANDARD SURVEY EQUIPMENT. EACH EAGLE SPACECRAFT CARRY 2 OF THE UNITS IN IT'S SURVEY EQUIPMENT STORAGE AREA.

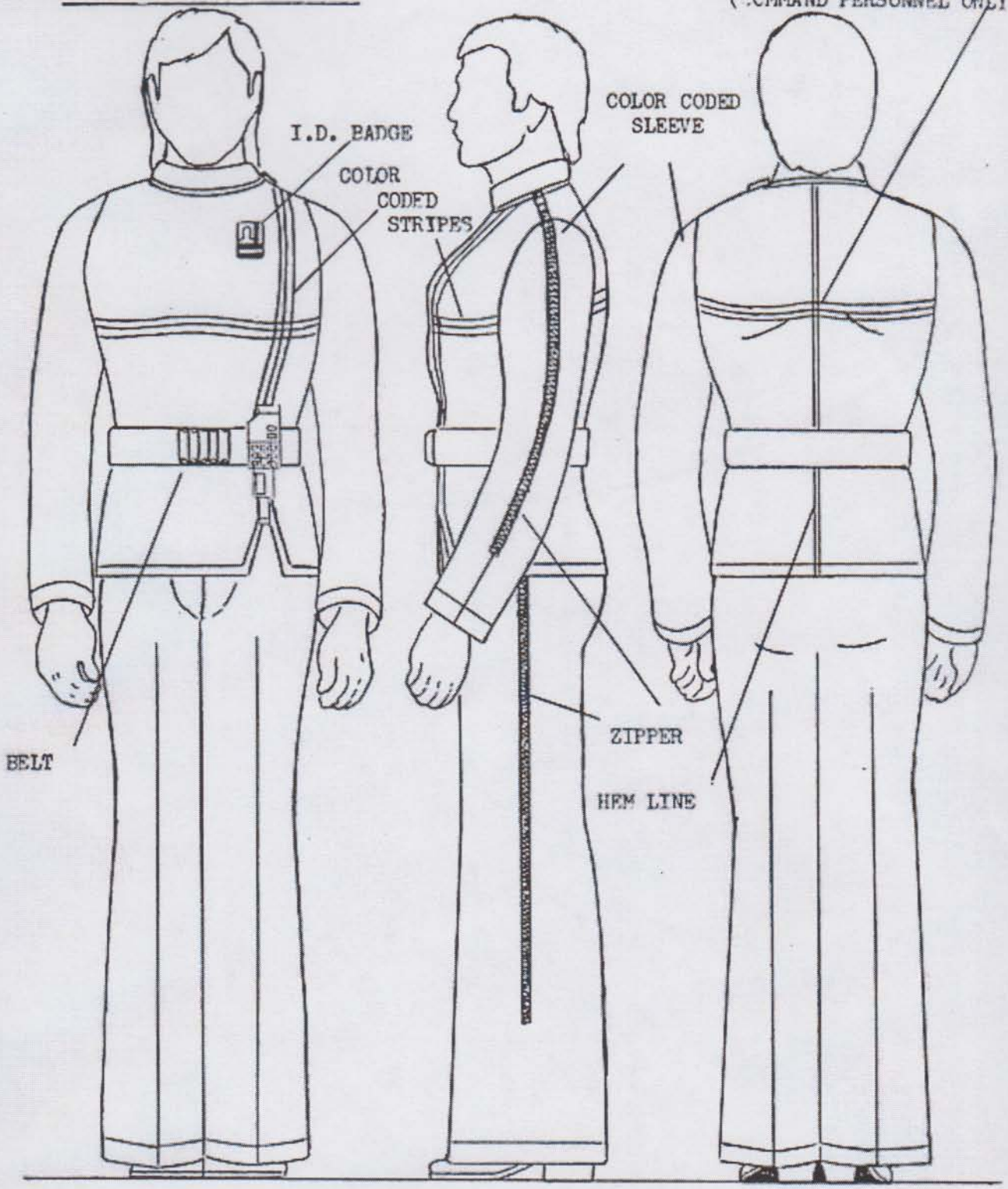
STANDARD UNISEX UNIFORMS

EARTH ISSUE FOR ALPHA BASE

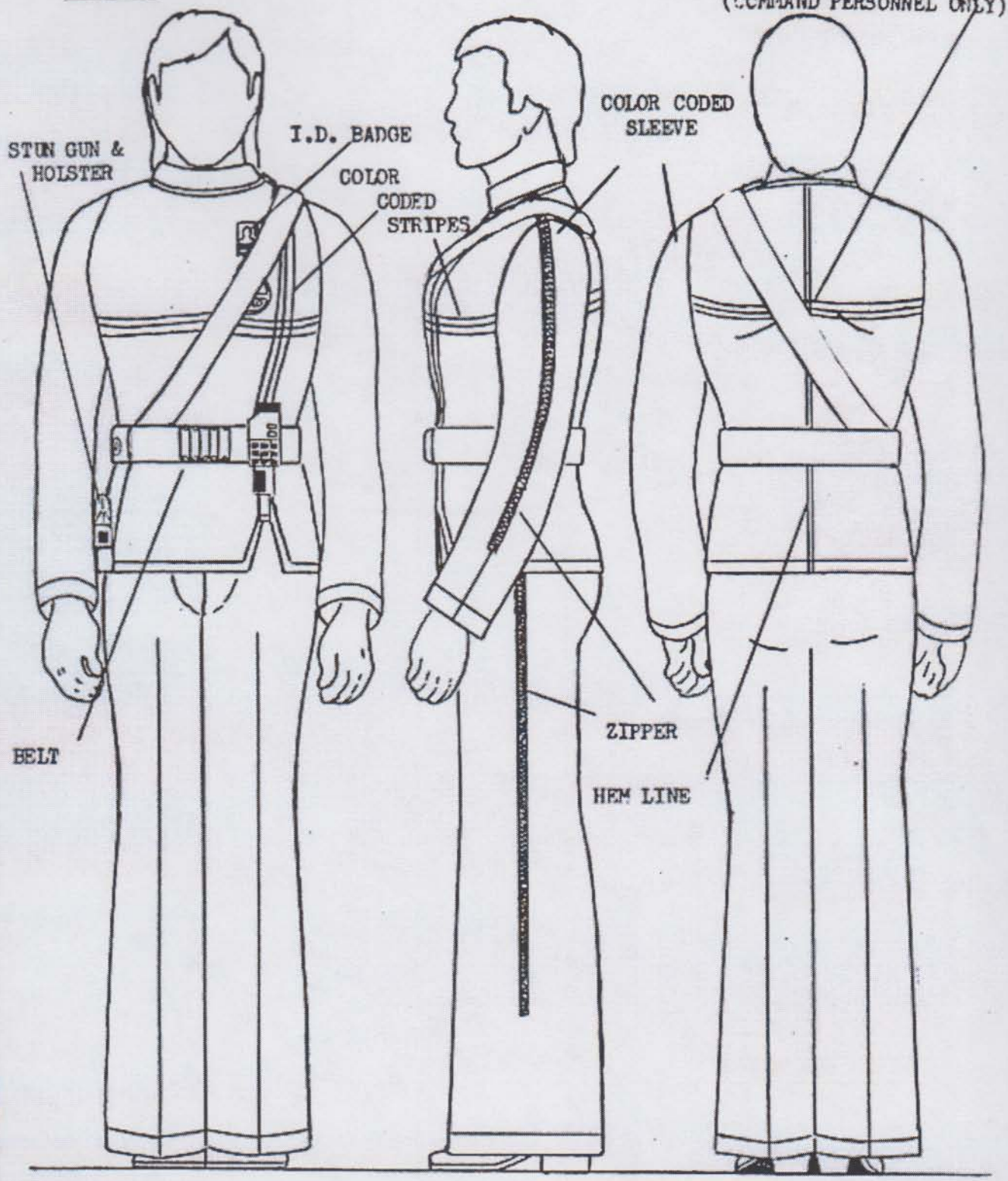


STANDARD MALE UNIFORM

CHIEF PILOT - ALAN CARTER

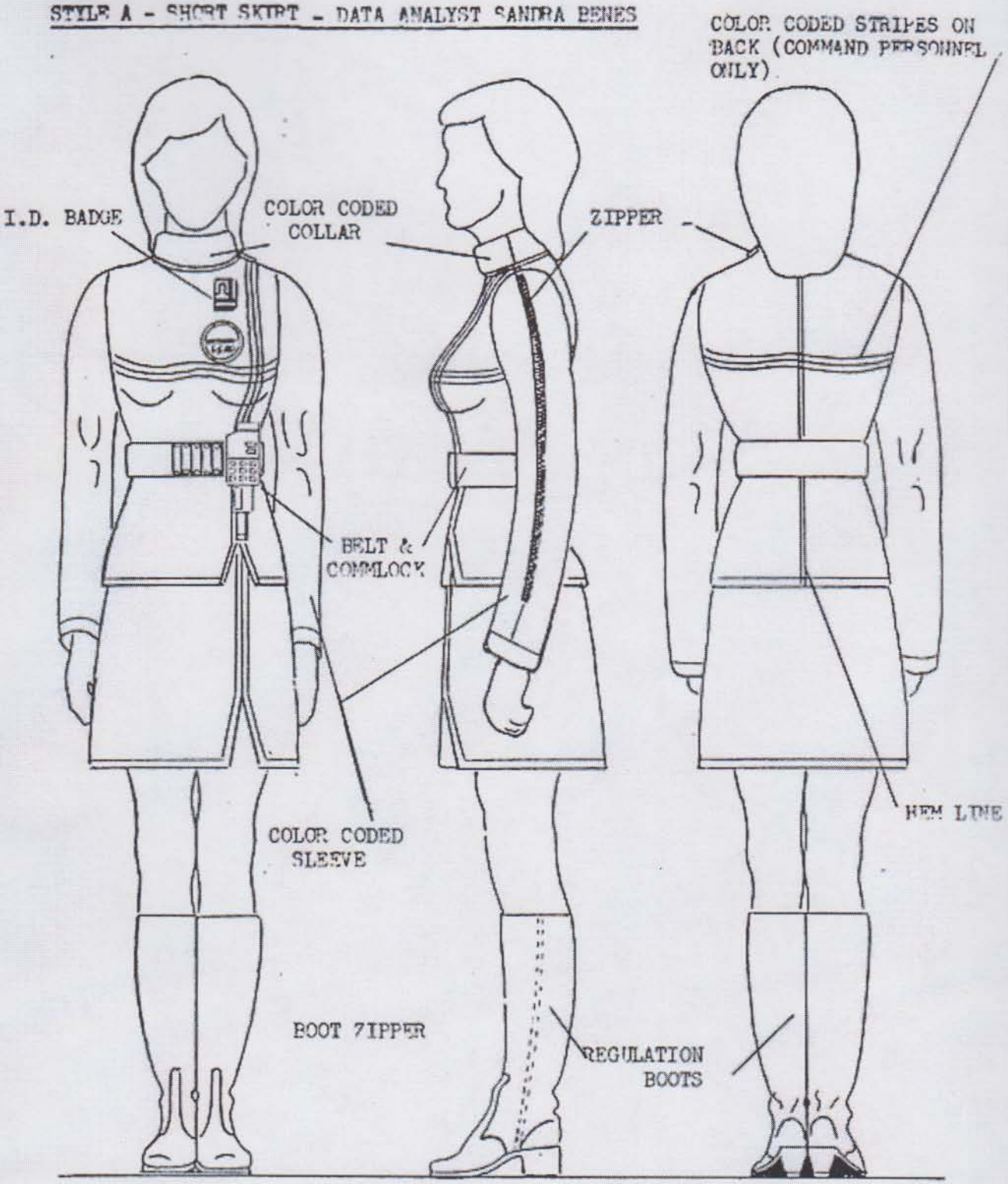


STANDARD MALE UNIFORM
SECURITY



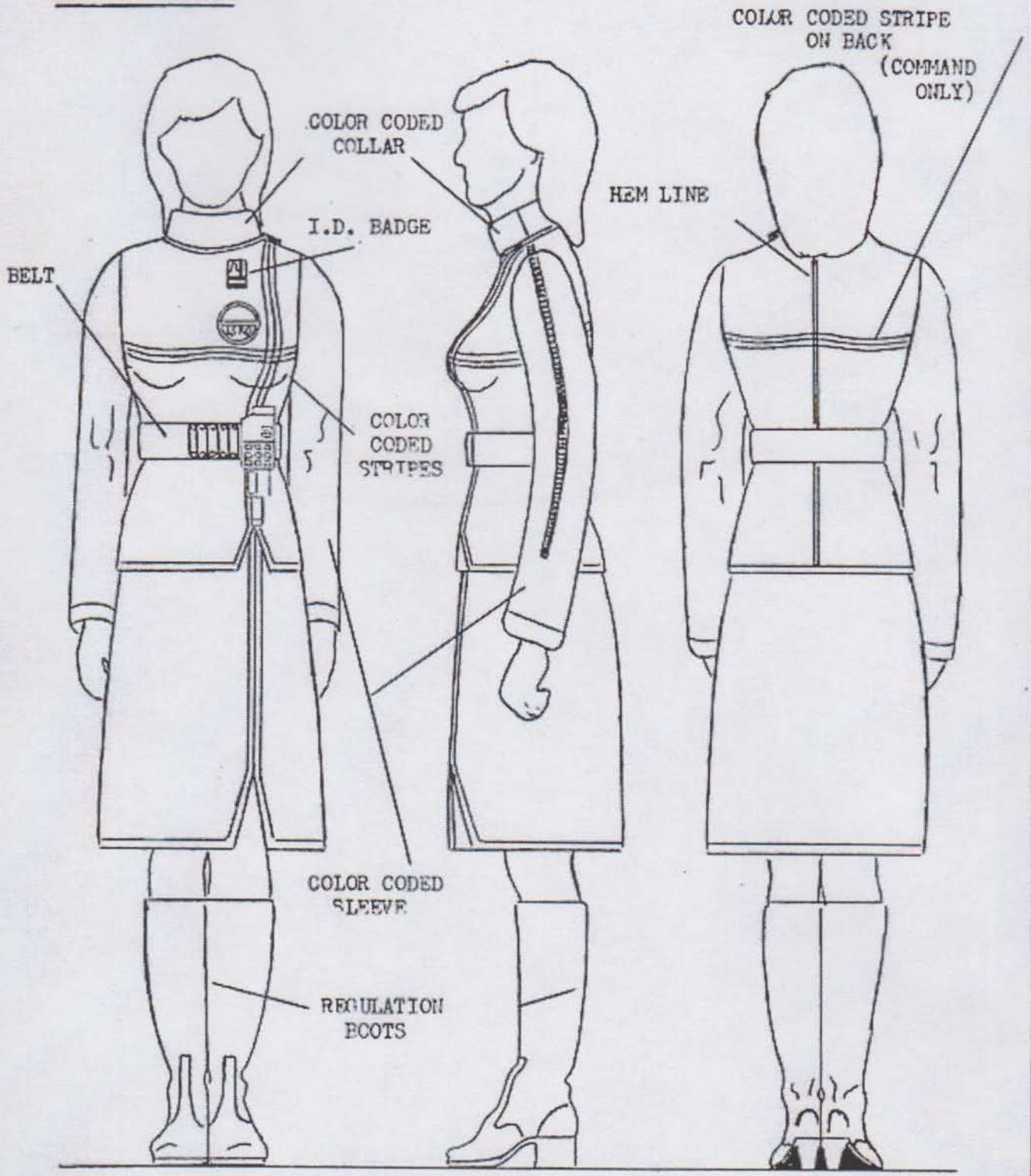
STANDARD FEMALE UNIFORM - DATA/SERVICE

STYLE A - SHORT SKIRT - DATA ANALYST SANDRA BENES



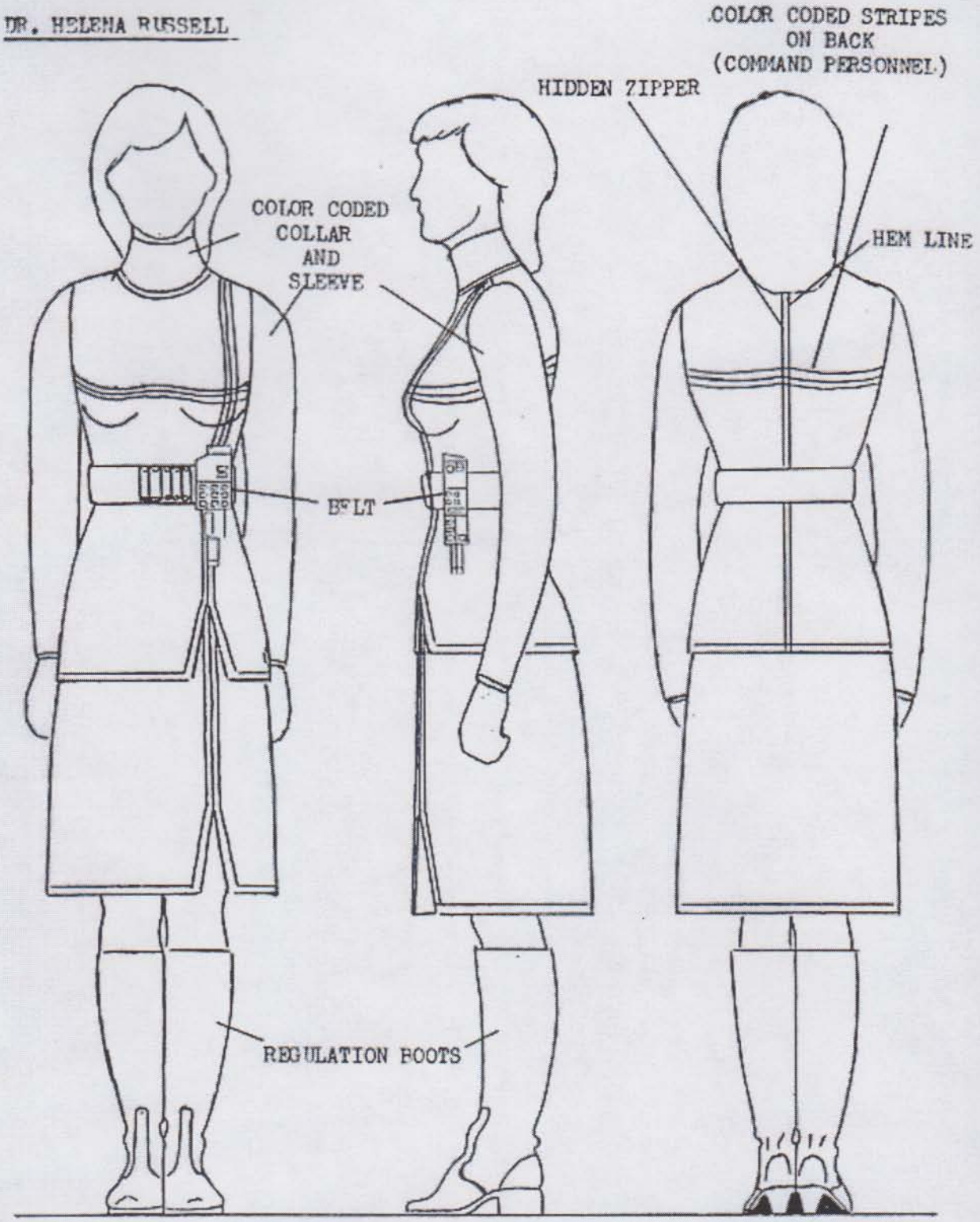
STANDARD FEMALE UNIFORM - STYLE B - LONG SKIRT

SCIENCE OFFICER



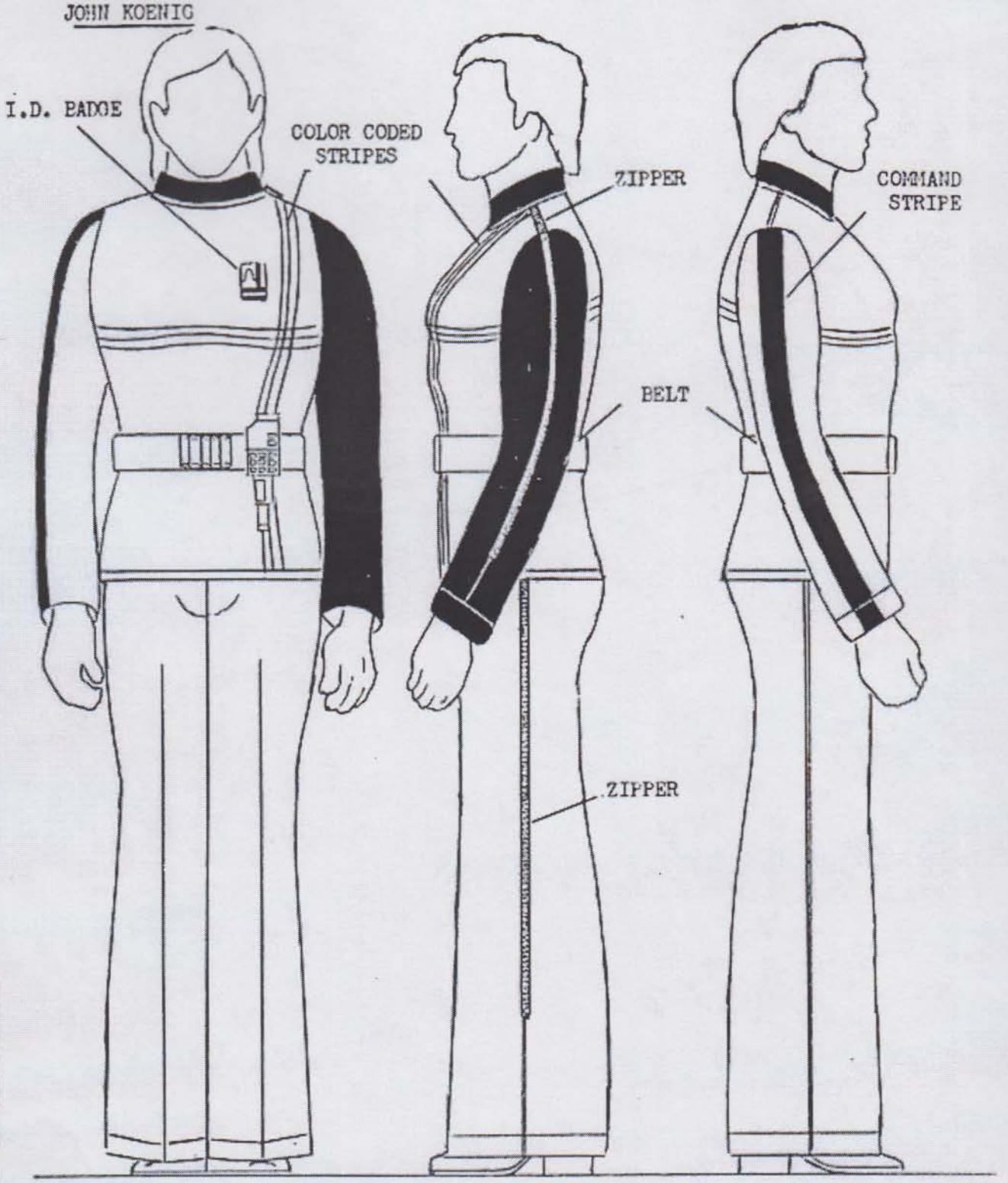
CHIEF MEDICAL OFFICER UNFORM - FEMALE

DR. HELENA RUSSELL



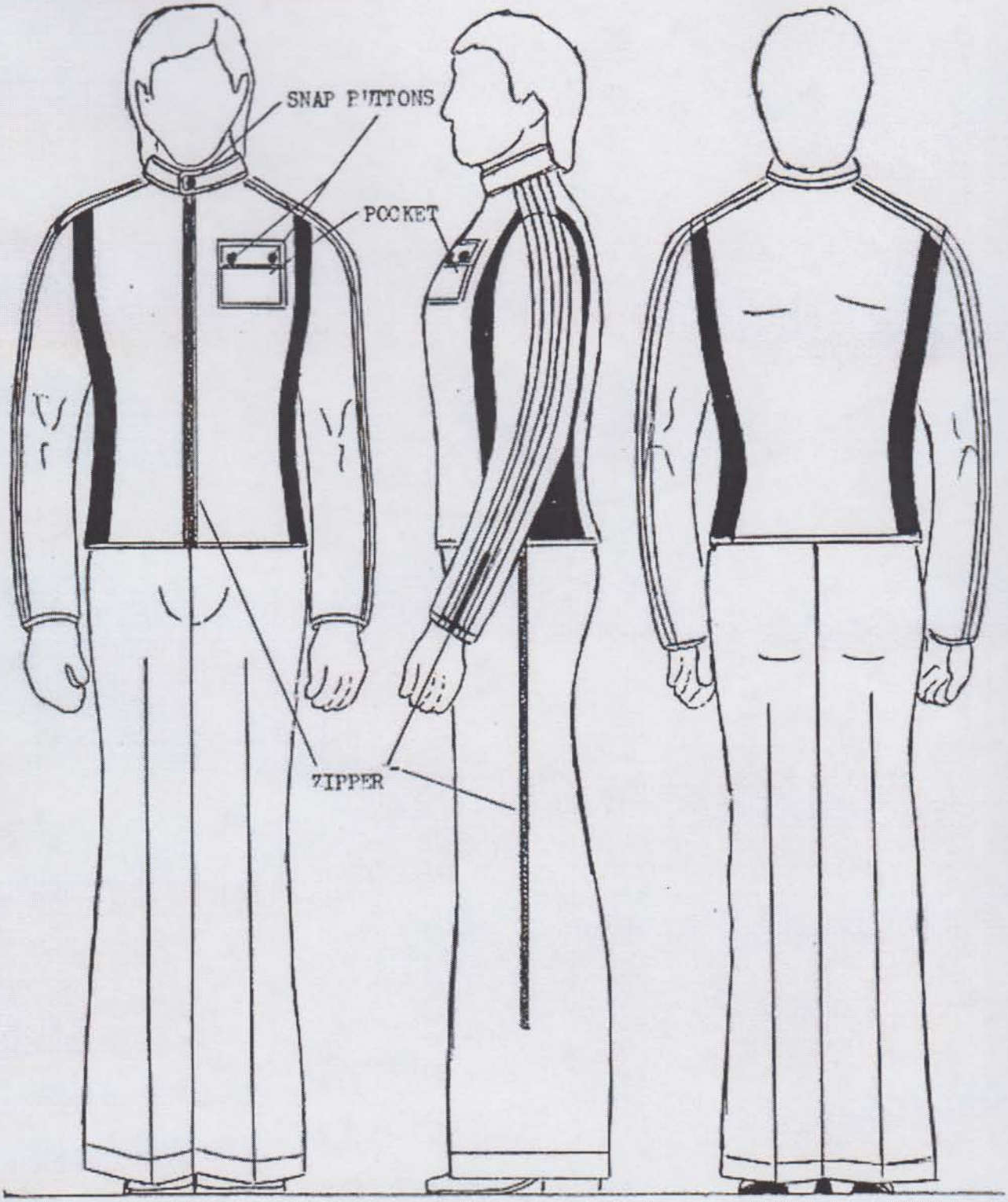
COMMANDER'S UNIFORM - MALE

JOHN KOENIG



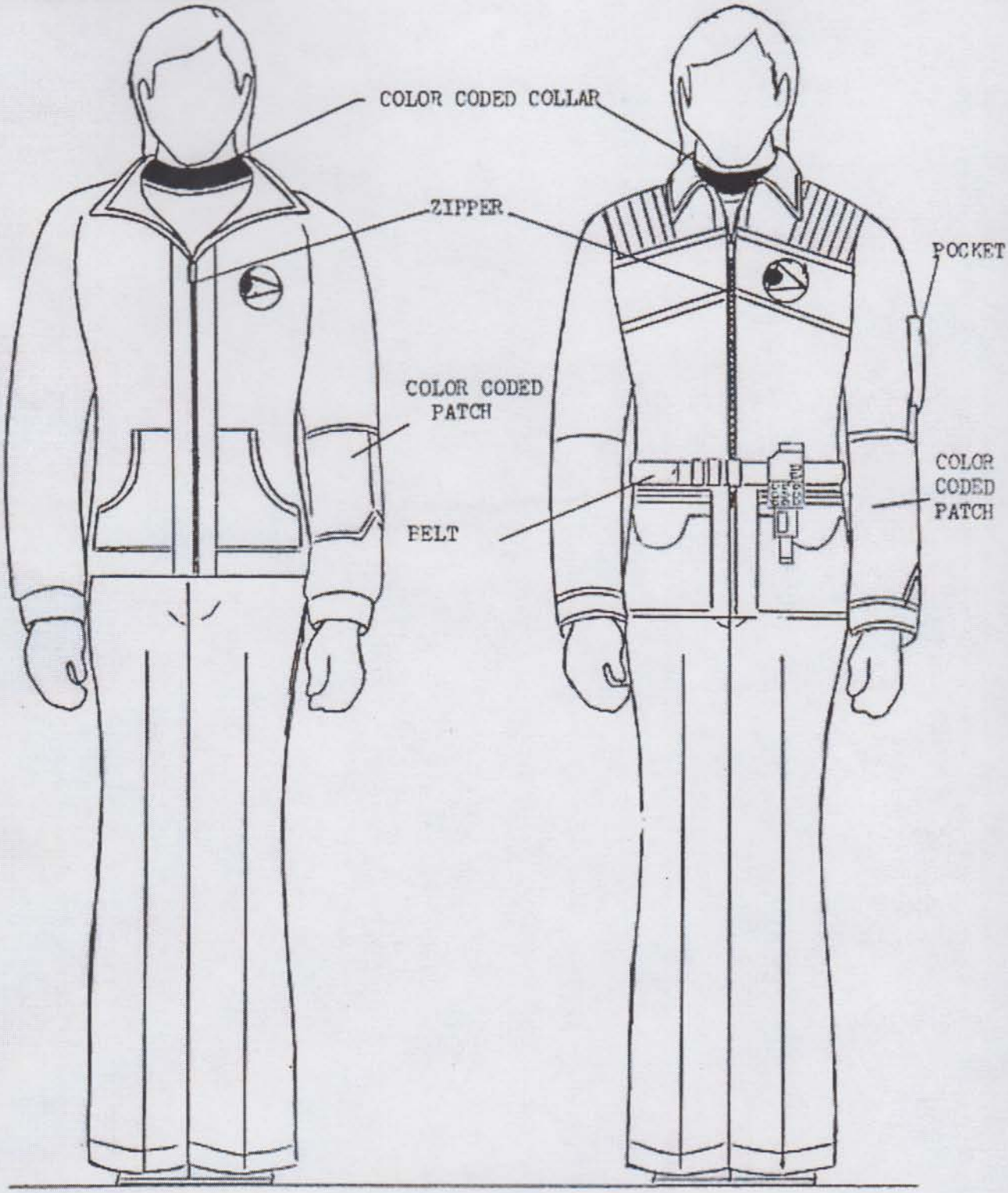
STANDARD LIGHTWEIGHT JACKET - UNISEX

EARTH ISSUE FOR ALPHA BASE



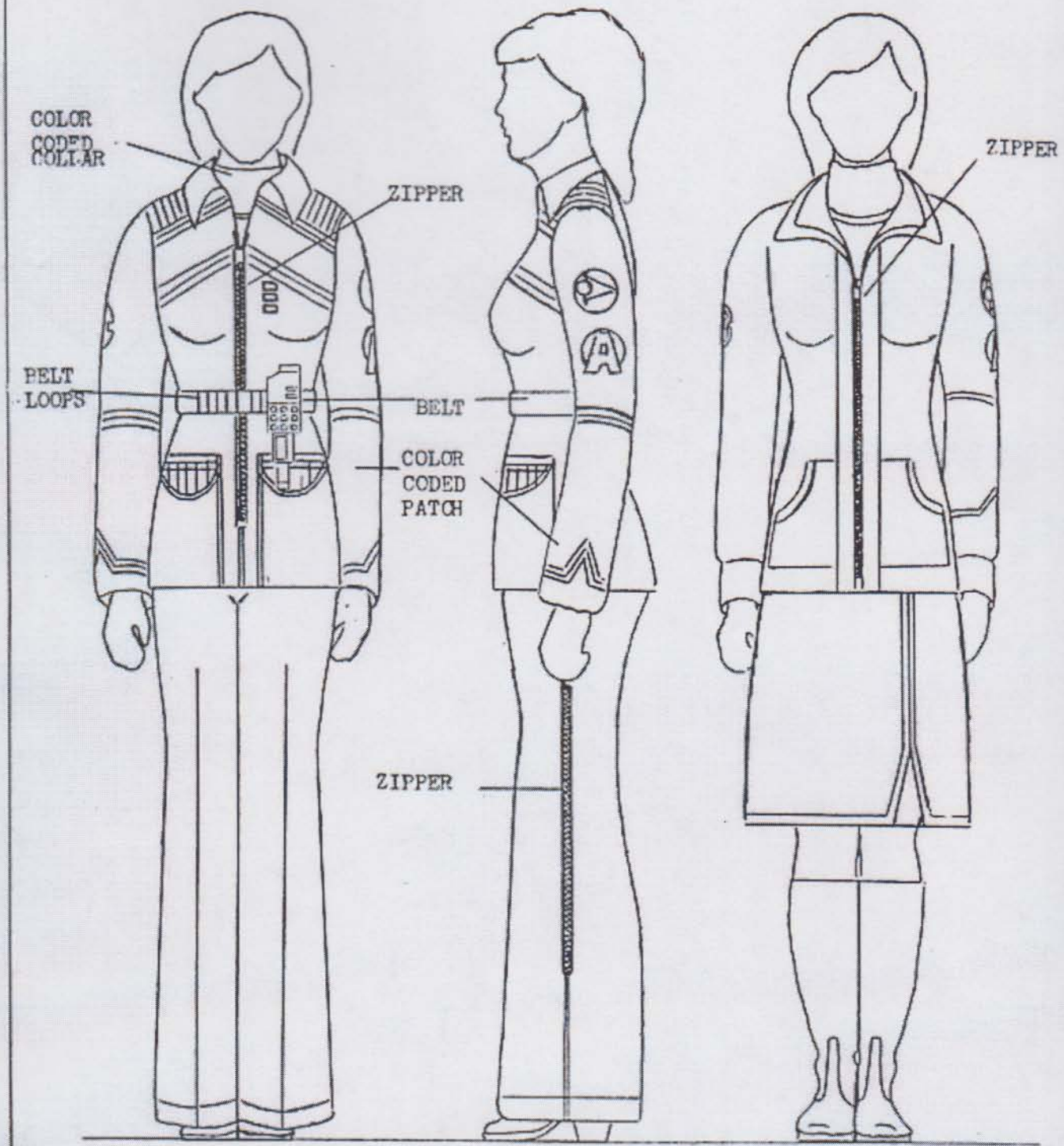
STANDARD JACKETS - MALE

COMMANDER JOHN KOENIG



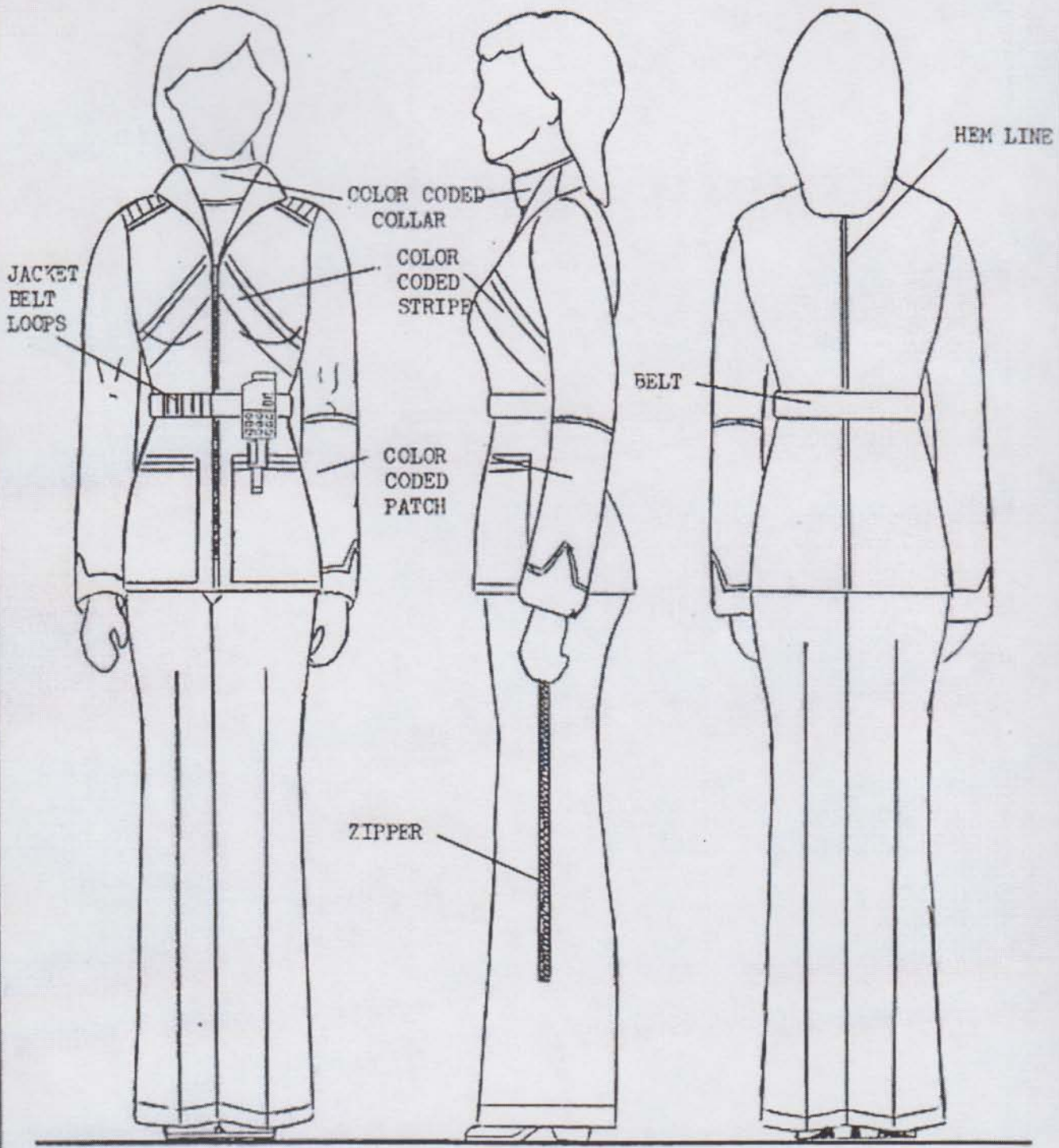
STANDARD JACKETS - FEMALE

DR. HELENA RUSSELL - MEDICAL



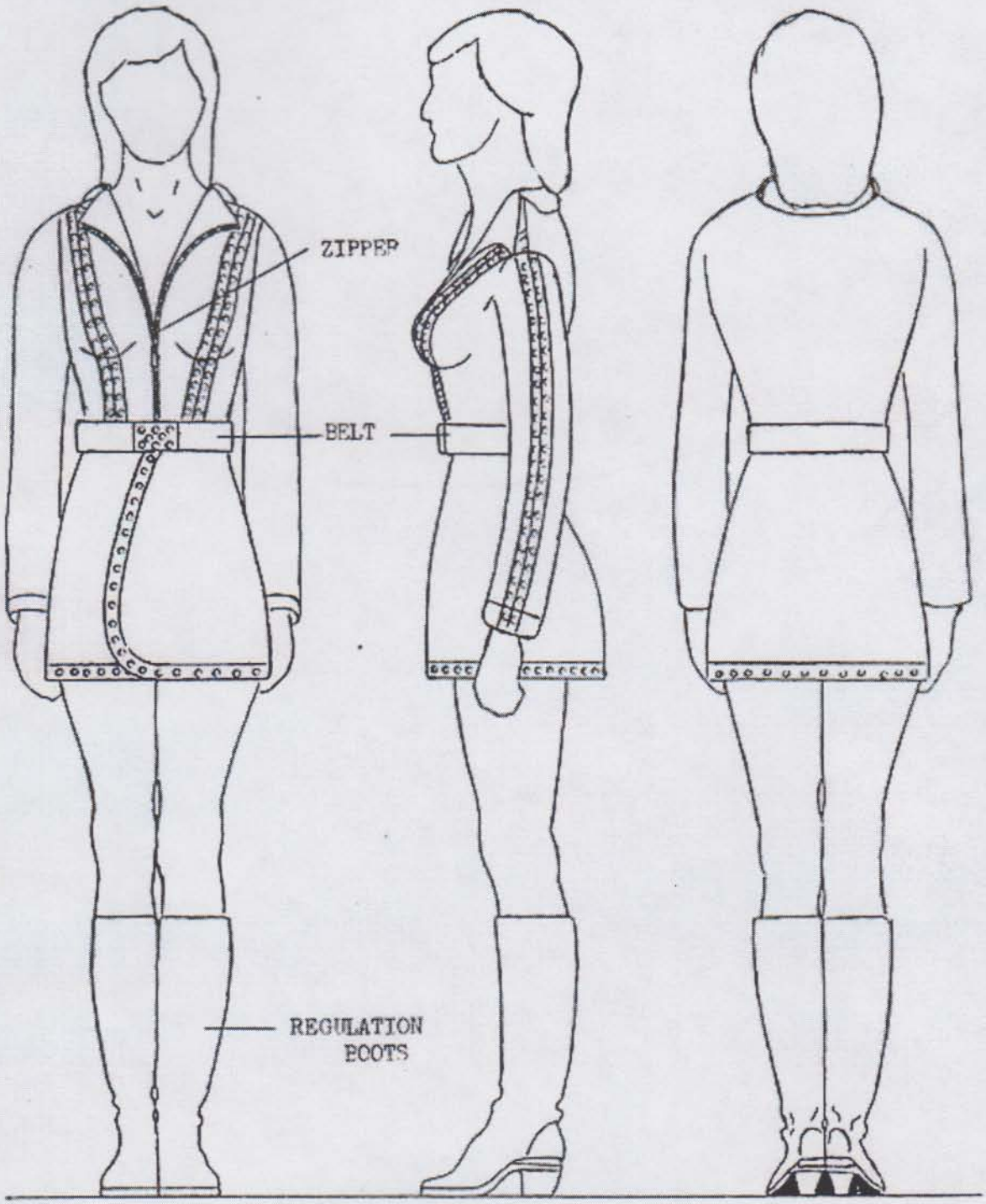
STANDARD JACKETS - FEMALE

MAYA - SCIENCE OFFICER



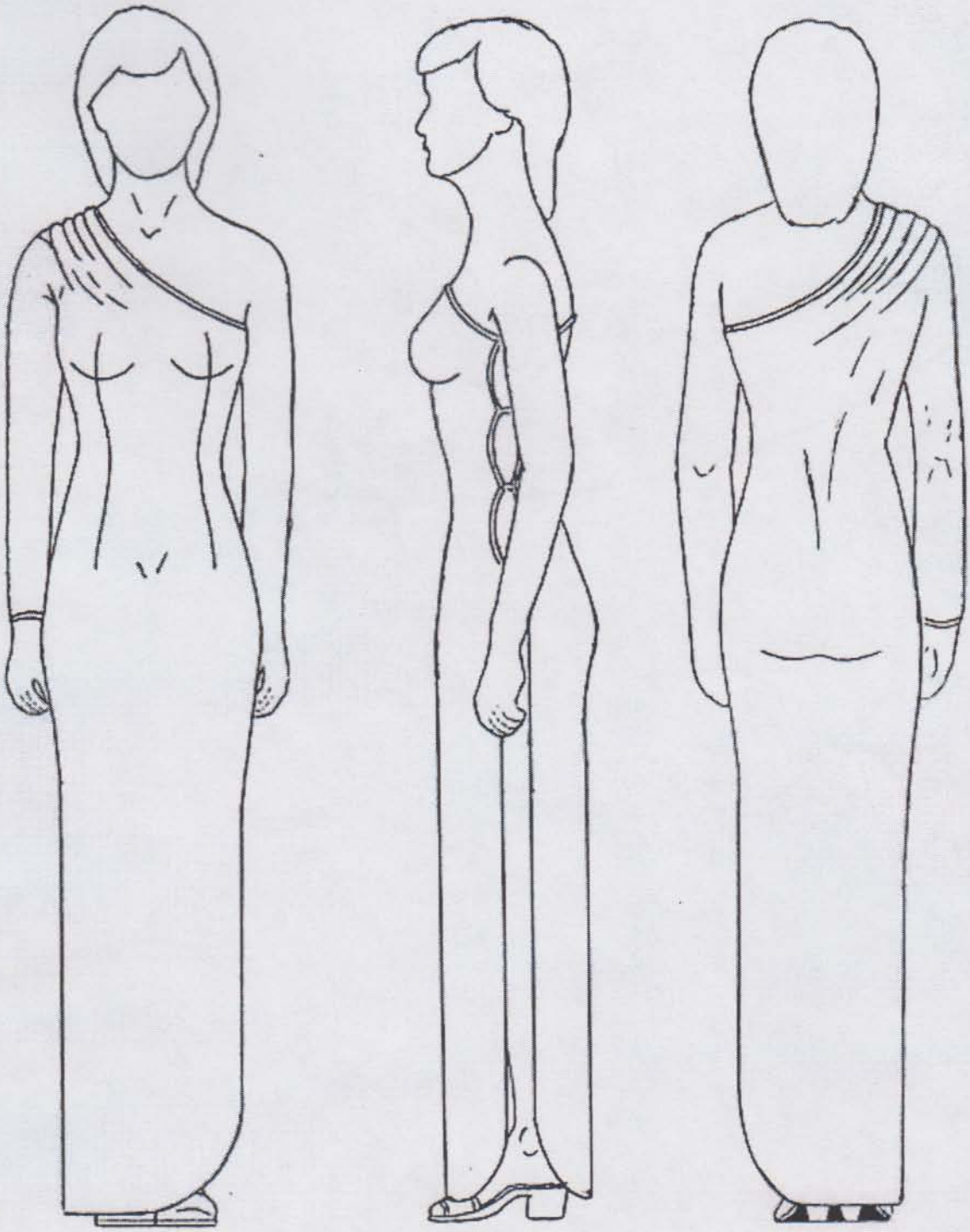
STANDARD RECREATION WEAR - FEMALE CASUAL

MAYA



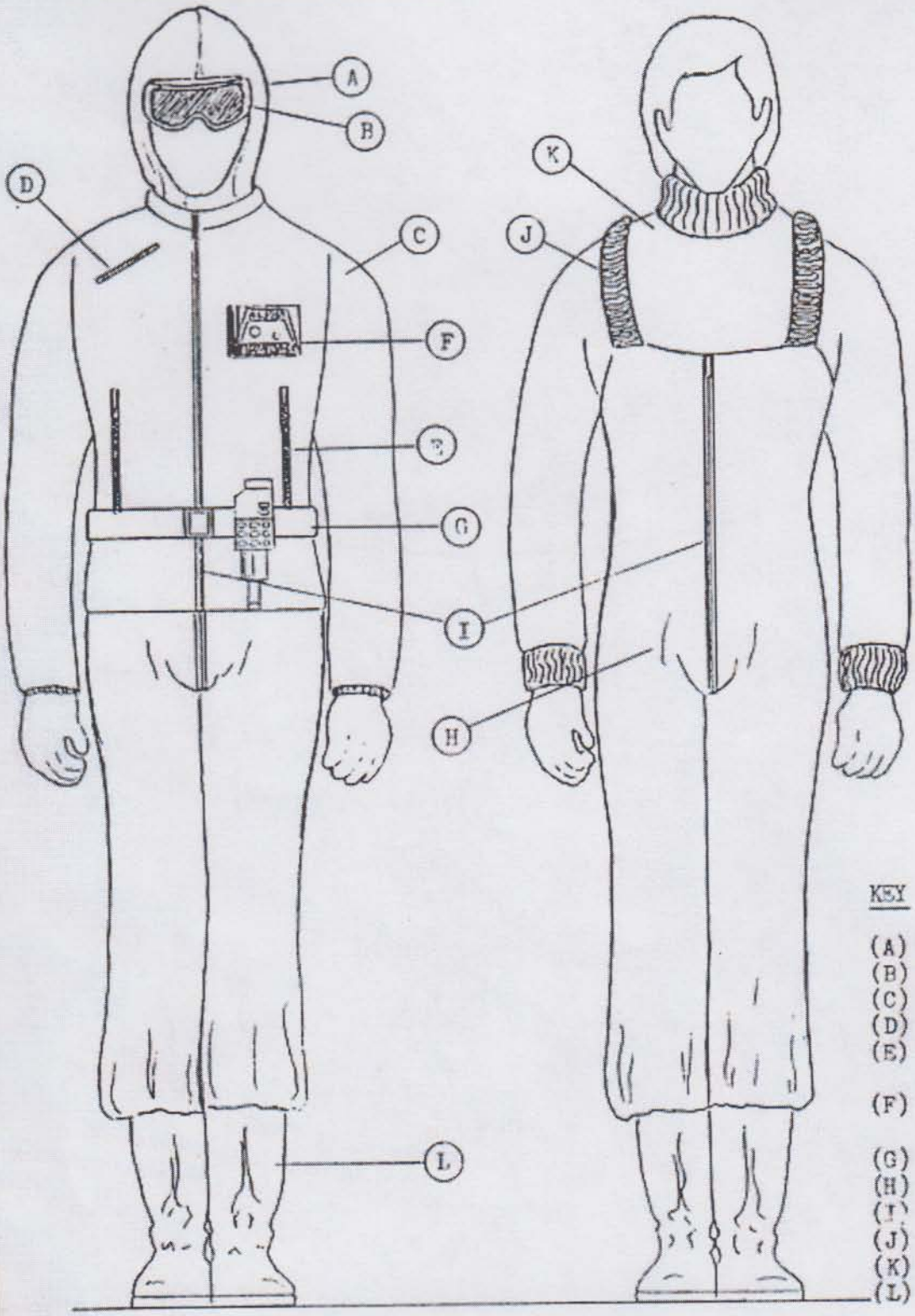
FORMAL EVENING GOWN - TIE UP SIDE OPENING

HELENA RUSSELL



STANDARD EMERGENCY CLOTHING - EARTH ISSUE FOR MOONBASE ALPHA

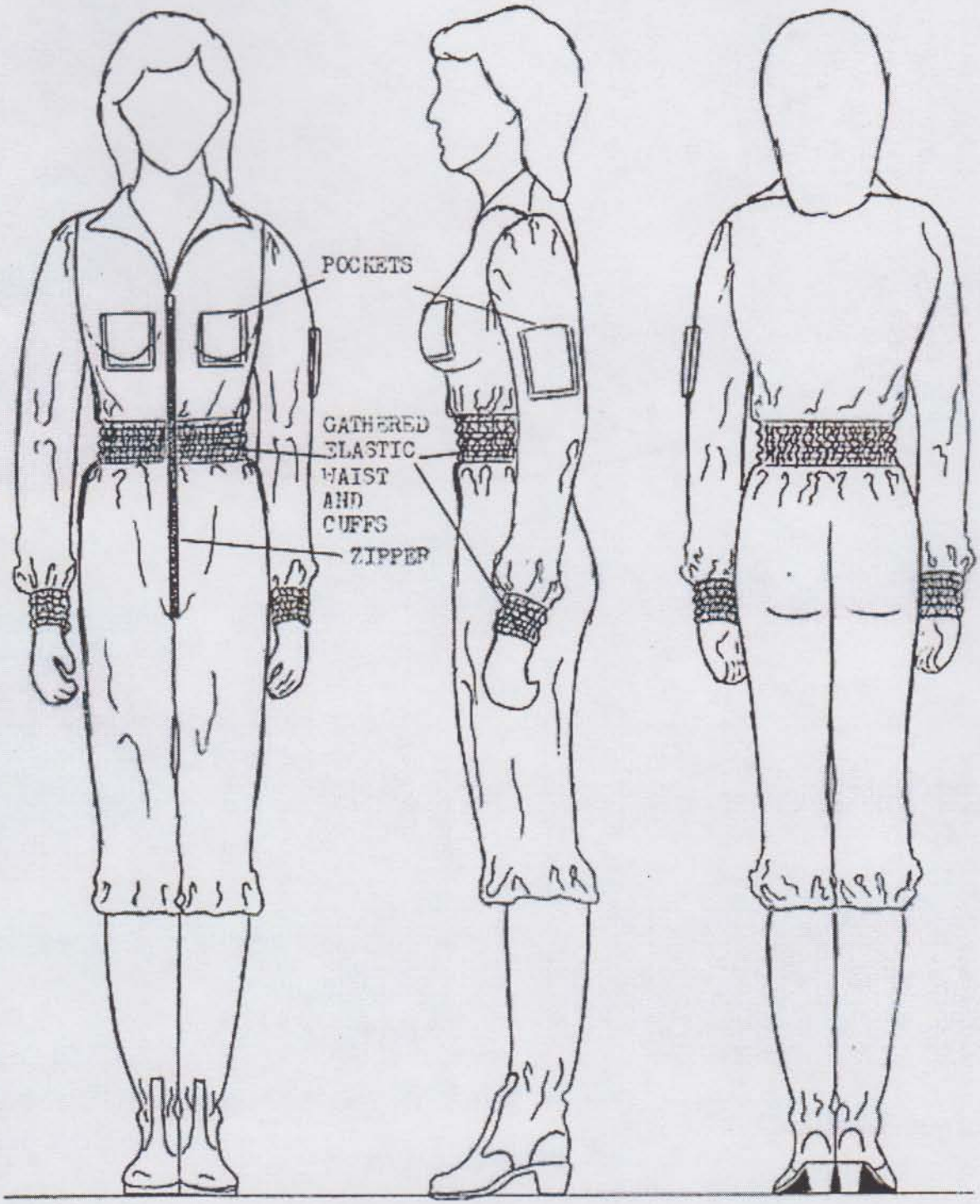
STANDARD COLD WEATHER SURVEY WEAR - ALPHA ISSUE 179 DAYS AFTER LEAVING EARTH



KEY

(A) HOOD
(B) GOGGLES
(C) JACKET
(D) ZIPPERED POCKET
(E) ZIPPERED HAND POCKETS
(F) MOONBASE ALPHA INSIGNIA
(G) BELT
(H) COVERALLS
(I) ZIPPER
(J) ELASTIC STRAPS
(K) SWEATER
(L) BOOTS

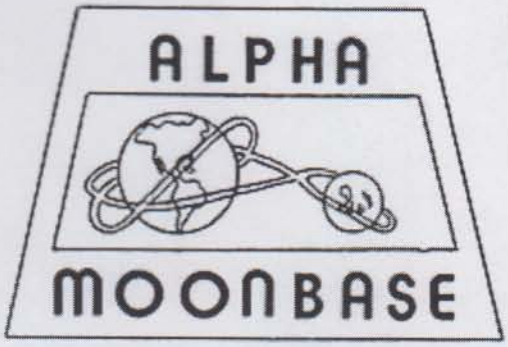
STANDARD WORKER JUMPSUIT - UNISEX
NON COLOR CODED



STANDARD COLORS RED ☐ SALMON ☐ YELLOW ☐ LEMON ☐ GREEN ☐

BLUE ☐ PURPLE ☐ BROWN ☐ BLACK ☐ WHITE ☐

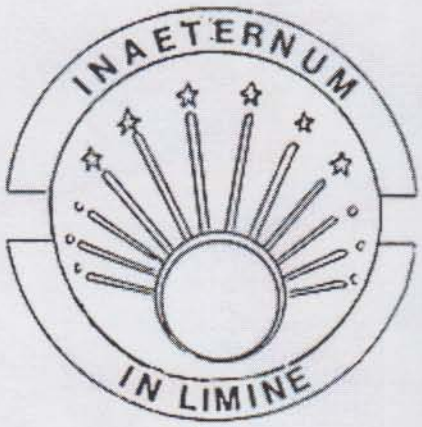
A



B

C

D



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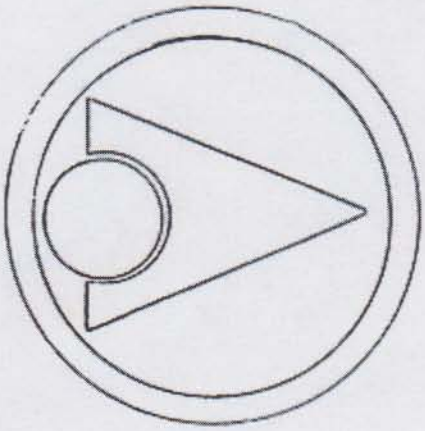

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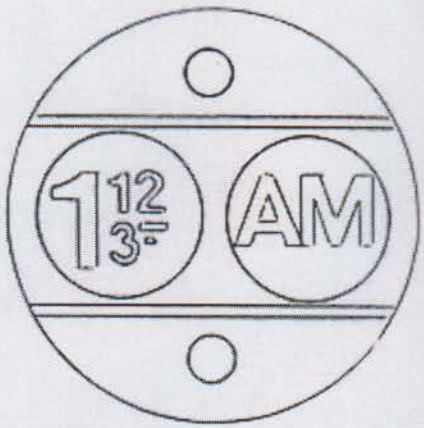

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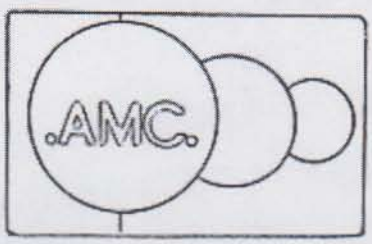

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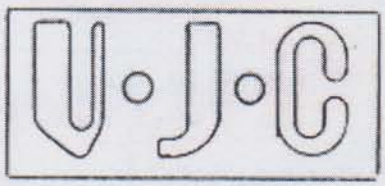

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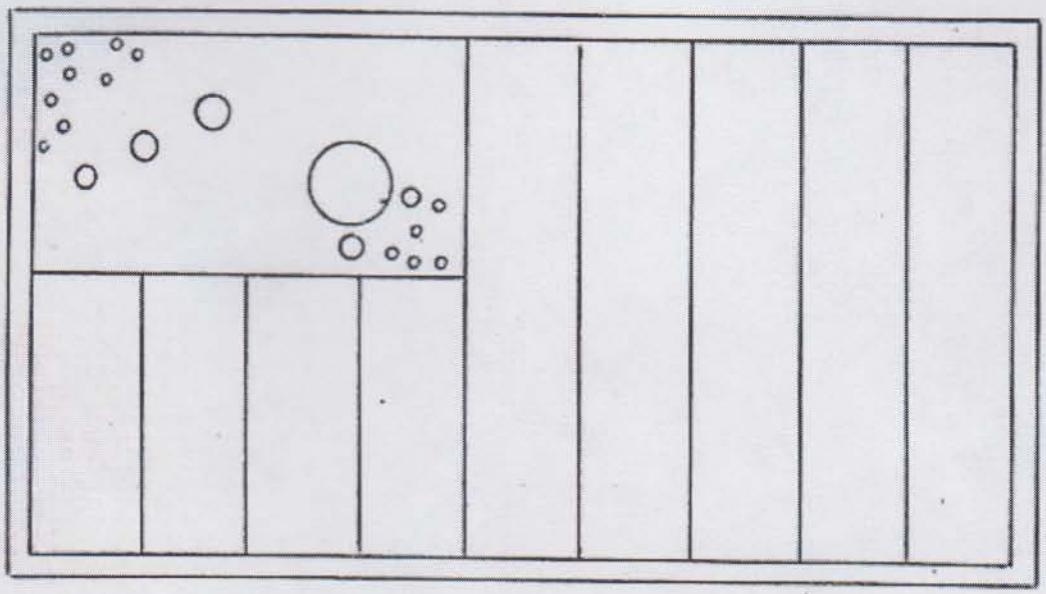
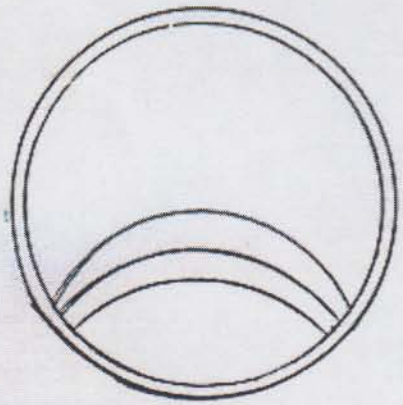




J

K.

L

(A) MOONBASE ALPHA CREST
(B) MEDICAL I.D.
(C) LUNAR SPACE RESEARCH ORGANIZATION (LSRO)
(D) UNIVERSE PATCH
(E) ASTRONAUT'S CREST
(F) AM TECHNICAL PATCH
(G) DEEP SPACE PATCH
(H) V.J.C. PATCH
(I) INTERSPACE REASEARCH COMMISSION PATCH
(J) ORIGINAL EAGLE PATCH
(K) SECURITY PATCH
(L) ANDROMEDA PATCH

A MOONBASE ALPHA INSIGNIA

ONLY AUTHORIZED SYMBOL USED TO IDENTIFY ALL MOONBASE CRAFT. ALSO USED ON UNIFORMS AND SPACESUITS.

DISTRIBUTION: MAIN MISSION COMMAND
REPRESENTATIONS: THE TRAPEZOID SHAPE IS A MAIN MOONBASE SYMBOL. MOST CARGO CONTAINERS SHIPPED FROM ALPHA BEAR THIS SHAPE FOR IDENTIFICATION.
COLORS: WHITE BACKGROUND/NAVY LETTERING/CENTER: DARK BLUE BACKGROUND/EARTH AND MOON BLACK AND WHITE/ORBITAL PATHS: YELLOW AND ORANGE.
DIMENTIONS: TOP 2" BOTTOM 3" VERTICAL 2".

B MEDICAL IDENTIFICATION

INDICATES BEARER HAS INTERMEDIATE SPACE FIRST AID TRAINING, AND ARE QUALIFIED TO BEGIN MEDICAL TREATMENT UNTIL A DOCTOR CAN BE OBTAINED. ON REGULATION DRESS THIS SYMBOLIZES A NURSE OR A MEDICAL CENTER TECHNICIAN. WHEN WORN SIDEWAYS IT REPRESENTS THOSE WHO HAVE TRAINING BUT ARE NOT INVOLVED IN THE MEDICAL FIELD.

DISTRIBUTION: ALPHA MEDICAL CENTER
REPRESENTATIONS: CENTER LINE REPRESENTING GERMS AND BACTERIA/SURROUNDED BY AN EVER GROWING VIRAL FORM (INDICATED BY THE UPWARD REACHING TOP) CAPPED WITH MEDICAL KNOWLEDGE TO PREVENT ITS SPREAD. BACKGROUND REPRESENTING THAT OF SOUND MIND AND BODY.
COLORS: CENTER "GERM" LINE YELLOW/"VIRAL FORM" RED/"MEDICAL KNOWLEDGE" CAP YELLOW/BACKGROUND DARK BLUE RINGED WITH PALE BLUE.
DIMENTIONS: $2\frac{1}{2}$".

C LUNAR SPACE RESEARCH ORGANIZATION (LSRO)

WORN BY THOSE INVOLVED IN THE TECHNICAL FIELD. SUCH AS LABORATORY RESEARCH, COMMUNICATIONS AND EXPERIMENTATION IN THE SPACE SCIENCES. ON REGULATION DRESS IT IS WORN JUST BENEATH THE IDENTIFICATION BADGE. WITH THOSE NOT DIRECTLY INVOLVED IN RESEARCH IT IS WORN OCCASIONALLY ON JACKETS ONLY.

DISTRIBUTION: TECHNICAL LABORATORY SECTION MOONBASE ALPHA
REPRESENTATIONS: CONTAINS THE INITIALS OF ONE OF MOONBASE ALPHA'S LARGEST SECTIONS.
COLORS: WHITE BACKGROUND RINGED WITH RED. SOLID RED UPPER HEMISPHERE, RED RIMMED LOWER HEMISPHERE. BLACK LETTERING.
DIMENTIONS: $2\frac{1}{2}$" DIAMETER

D UNIVERSE PATCH

SYMBOL OF THE INTERSPACE RESEARCH COMMISION. THIS IS THE MOST COMMON AMONG THE MANY DIFFERENT VERSIONS ISSUED. MAIN USE IS FOR DECORATION, ALTHOUGH SOMETIMES WORN AS REGULATION BY TECHNICAL SCIENCES PERSONNEL.

DISTRIBUTION: INTERSPACE RESEARCH COMMISION MOONBASE ALPHA
REPRESENTATIONS: THE LATIN WORDS MEANING "FOREVER ON THE THRESHOLD". SINCE LEARNING FROM THE VASTNESS OF SPACE IS UNLIMITED AND UNENDING, WE ARE FOREVER AT THE ROOT OF NEW KNOWLEDGE. CIRCLE INDICATES OUR SUN AND SOLAR SYSTEM AND OUR REACHING OUT TO OTHER SUNS.

COLORS: DARK BLUE LETTERING ON WHITE BACKGROUND. DARK BLUE BACKGROUND, YELLOW SUN AND STARS, WHITE CORONA AND SPOKES.
DIMENSIONS: 2½" DIAMETER.

E ASTRONAUT'S CREST

WORN ON EARTH AS WELL AS MOONBASE ALPHA. PRESENTED TO GRADUATES IN BASIC SPACE FLIGHT TRAINING, AND OFTEN WORN THROUGHOUT SPACE CAREER FOR GOOD LUCK.

DISTRIBUTION: VARIOUS SPACE TRAINING CENTERS ON EARTH.
REPRESENTATIONS: THE ROUND SHAPE REPRESENTS THE UNIVERSE; THE SMALL CIRCLE IS EARTH. THE TRIANGLE DEPICTS THE OUTWARD DIRECTION LEADING INTO SPACE AND IS ALSO SUGGESTIVE OF THE SHAPE OF EARLY JETS.
COLORS: WHITE BACKGROUND RINGED WITH RED. BLACK EARTH, RED TRIANGLE.
DIMENSIONS: 2½" DIAMETER.

F AM TECHNICAL PATCH

WORN BY TECHNICAL PERSONNEL IN RESEARCH SCIENCES SUCH AS MINERALOGY, GEOLOGY, ARCHAEOLOGY (MOONBASE ALPHA HAD SEVERAL PEOPLE OF THIS FIELD COVERING THE POSSIBILITY OF PAST LIFE ON THE MOON. THESE PEOPLE WERE EVENTUALLY TO HAVE BEEN SENT TO DISTANT PLANETS TO SURVEY NEW FINDS.) ENGINEERING, ETC.

DISTRIBUTION: ALPHA TECHNICAL SECTION (EXPLORATION)
REPRESENTATIONS: THE NUMBERS VARY DEPENDING ON THE PERSON'S FIELD OF SPECIALITY. THE "1" REPRESENTS TECHNICAL RANK; "12" IS SECTION NUMBER; "3" IS THE SPECIFIC ALPHA DEPARTMENT. "AM" IS ALPHA MOONBASE.
COLORS: RED BACKGROUND, BLACK LETTERING/NUMBERS, WHITE DETAIL.
DIMENSIONS: 2½" DIAMETER.

G DEEP SPACE PATCH

THE LETTERS STAND FOR ALPHA MOONBASE COURIER. WORN BY MANY OF ALPHA'S BEST PILOTS; OCCASIONALLY WORN BY OTHER KEY PERSONNEL TRAINED FOR DEEP SPACE MISSIONS WHICH WOULD HAVE ORIGINATED ON THE MOON. SOMETIMES WORN ON REGULATION UNIFORMS BY THOSE PRIMARILY INVOLVED WITH DEEP SPACE MISSIONS.

DISTRIBUTION: ALPHA EXPLORATION SECTION
REPRESENTATIONS: LARGEST CIRCLE IS THE MOON. CONTINUING CIRCLES SYMBOLIZE DISTANT PLANTES, THE ULTIMATE DESTINATION OF ALPHA'S COURIERS.
COLORS: LEFT BACKGROUND IS DARK BLUE: RIGHT BACKGROUND IS MEDIUM BLUE. LARGEST CIRCLE IS YELLOW, FOLLOWED BY ONE ORANGE AND ONE RED CIRCLE. BLACK LETTERING.
DIMENSIONS: 1½ X 3"

H V.J.C. PATCH

THE LETTERS STAND FOR VERBINSKI-JACOBSEN CELESTIA. DR, JOSEPH VERBINSKI AND DR. BLAIR JACOBSEN WERE AMONG THE EARLIEST PLANNERS OF THE MOONBASE AND HER PROGRAMS OF OPERATION. THEY HAD WORKED AS A TEAM FOR MANY YEARS ON EARTH STUDYING THE RELATIONSHIP BETWEEN SPACE TRAVEL AND CHANGES IN HUMAN BEHAVIOR, ESPECIALLY SLEEP PATTERNS. THEIR ULTIMATE GOAL WAS TO SEE MAN GO INTO DEEP SPACE, HENCE CELESTIA. THE PATCH IS WORN BY THOSE WHO HAD VOLUNTEERED TO HELP IN VARIOUS ASPECTS OF THE STUDIES, AND IS ALSO SEEN ON MEDICAL CENTER REGULATION CLOTHING AND ON SLEEP WEAR AS A TRIBUTE TO THE TWO DOCTORS.

DISTRIBUTION: INTERSPACE RESEARCH COMMISION.

COLORS: WHITE LETTERING ON RED BACKGROUND.
DIMENSIONS: 3/4" X 2"

I INTERSPACE RESEARCH COMMISSION PATCH

IDENTIFYING PATCH FOR THE PROPERTY OF THE IRC. SEEN ON SPACESUITS AND MOONBUGGIES

DISTRIBUTION: NO PERSONAL DISTRIBUTION.
REPRESENTATIONS: UPPER LEFT BLOCK REPRESENTS GALAXIES KNOWN AND UNKNOWN. RAINBOW OF COLORS SIGNIFIES THE COMMISSION'S WIDE SPECTRUM OF INTERESTS AND RESEARCH.
COLORS: WHITE STARS ON BLACK BACKGROUND. MULTICOLOR STRIPES. ENTIRE PATCH RIMMED WITH WHITE BAND.
DIMENSIONS: 3 X 5½"

J ORIGINAL EAGLE PATCH

PRESENTED TO ASTRONAUTS WHO FLEW SUPPLIES DURING THE EARLIEST YEARS OF ALPHA, AFTER THE EAGLE TRANSPORTER REPLACED THE FALCON SHUTTLE.

DISTRIBUTION: INTERNATIONAL LUNAR FINANCE COMMISSION.
REPRESENTATIONS: MOON RISING BEHIND EARTH.
COLORS: LIGHT BLUE OUTER CIRCLE, MEDIUM BLUE BACKGROUND. CIRCLE IN FOREGROUND IS BLACK, FOLLOWED BY RED-ORANGE AND YELLOW CIRCLES.
DIMENSIONS: 2½" DIAMETER

K SECURITY PATCH

SECURITY PERSONNEL WITH CLEARANCE TO CARRY THE MODEL 2 STUN GUN (EQUIPPED WITH STUN/KILL SETTING) WITHIN ALPHA WEAR THIS PATCH.

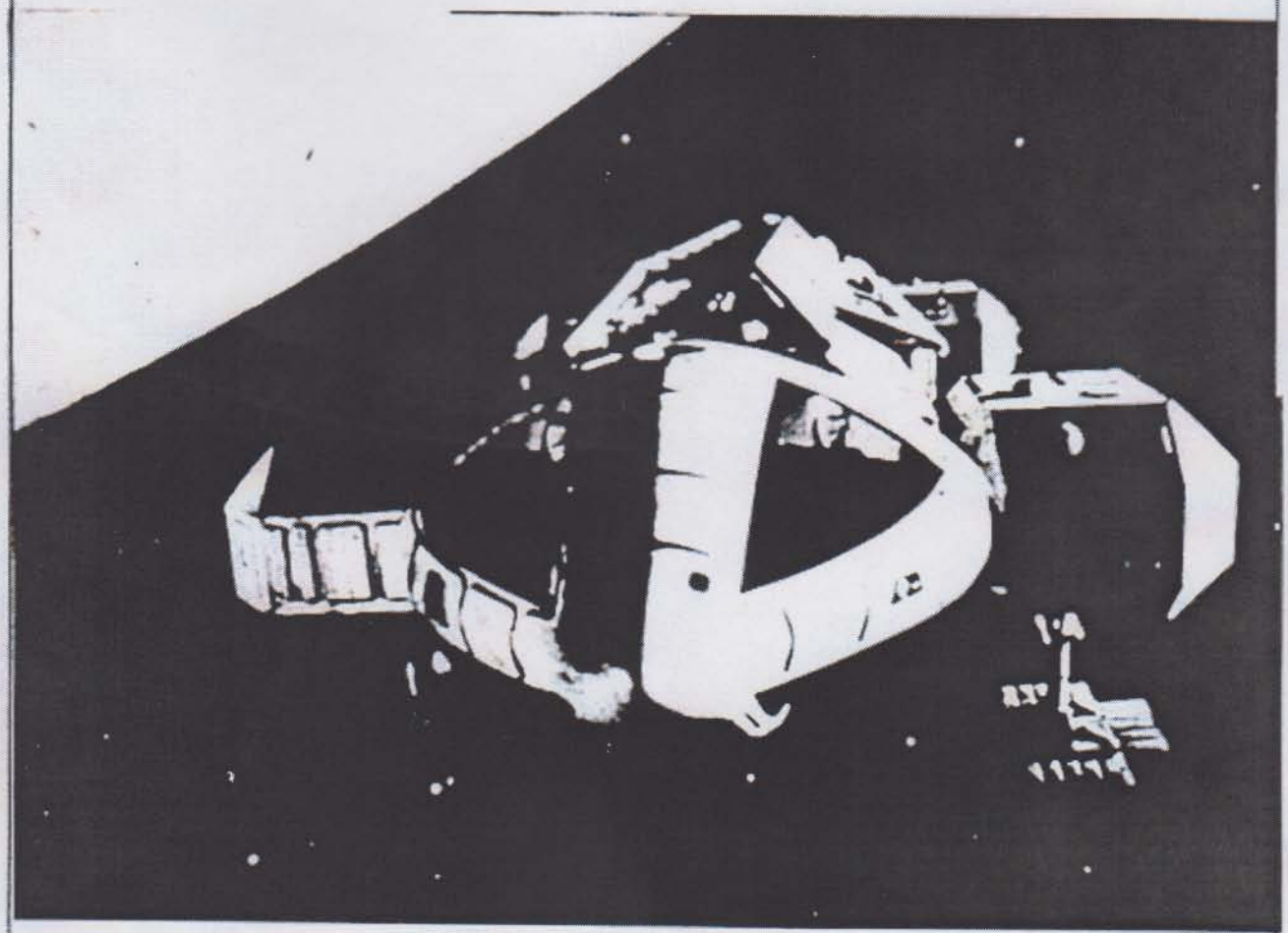
DISTRIBUTION: CHIEF OF SECURITY (WEAPONS SECTION)
COLORS: PURPLE LETTERING ON WHITE BACKGROUND. CENTER IS PURPLE WITH WHITE "S".
DIMENSIONS: 2½" DIAMETER.

L ANDROMEDA PATCH

MEDICAL OFFICERS WHO WERE INVOLVED WITH THE ANDROMEDA RESEARCH PROJECT WEAR THIS PATCH. THE ANDROMEDA TEAM DID EXTENSIVE STUDIES OF THE PHYSICAL, PSYCHOLOGICAL AND SOCIAL EFFECTS OF PROLONGED SPACE TRAVEL. HELENA RUSSELL WORKED AS A DIRECTOR OF THE TEAM JUST PRIOR TO COMING TO ALPHA, AND CONTINUED SOME OF THE WORK AT THE MOONBASE.

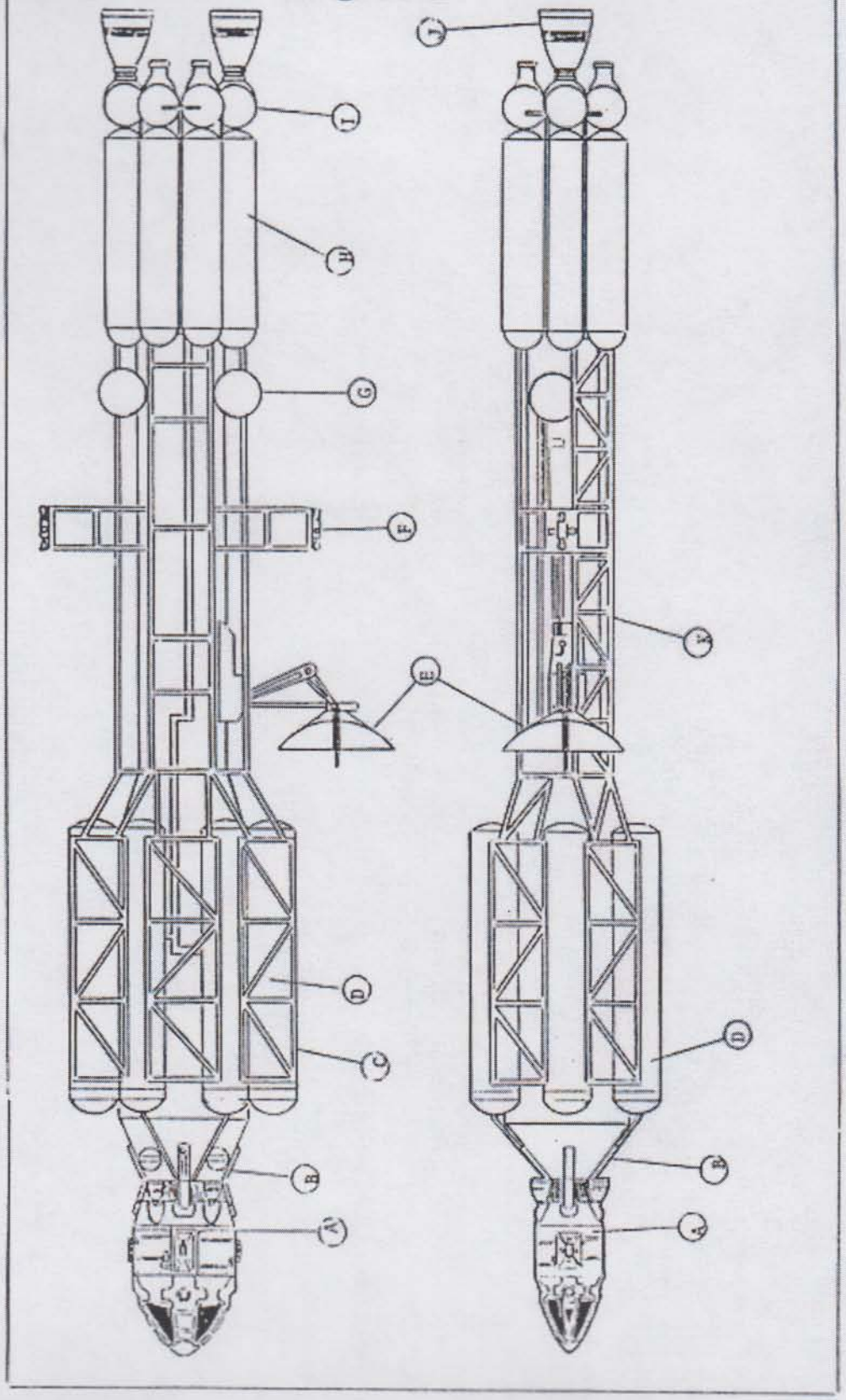
DISTRIBUTION: INTERSPACE RESEARCH COMMISSION:
REPRESENTAIONS: THE TRIANGLE REPRESENTS THE THREE AREAS OF STUDY AND IS INCORPORATED INTO THE "A" SYMBOL.
COLORS: BLUE BACKGROUND RINGED WITH RED. GOLD LETTERING. WHITE "A".

SERIES - 4000



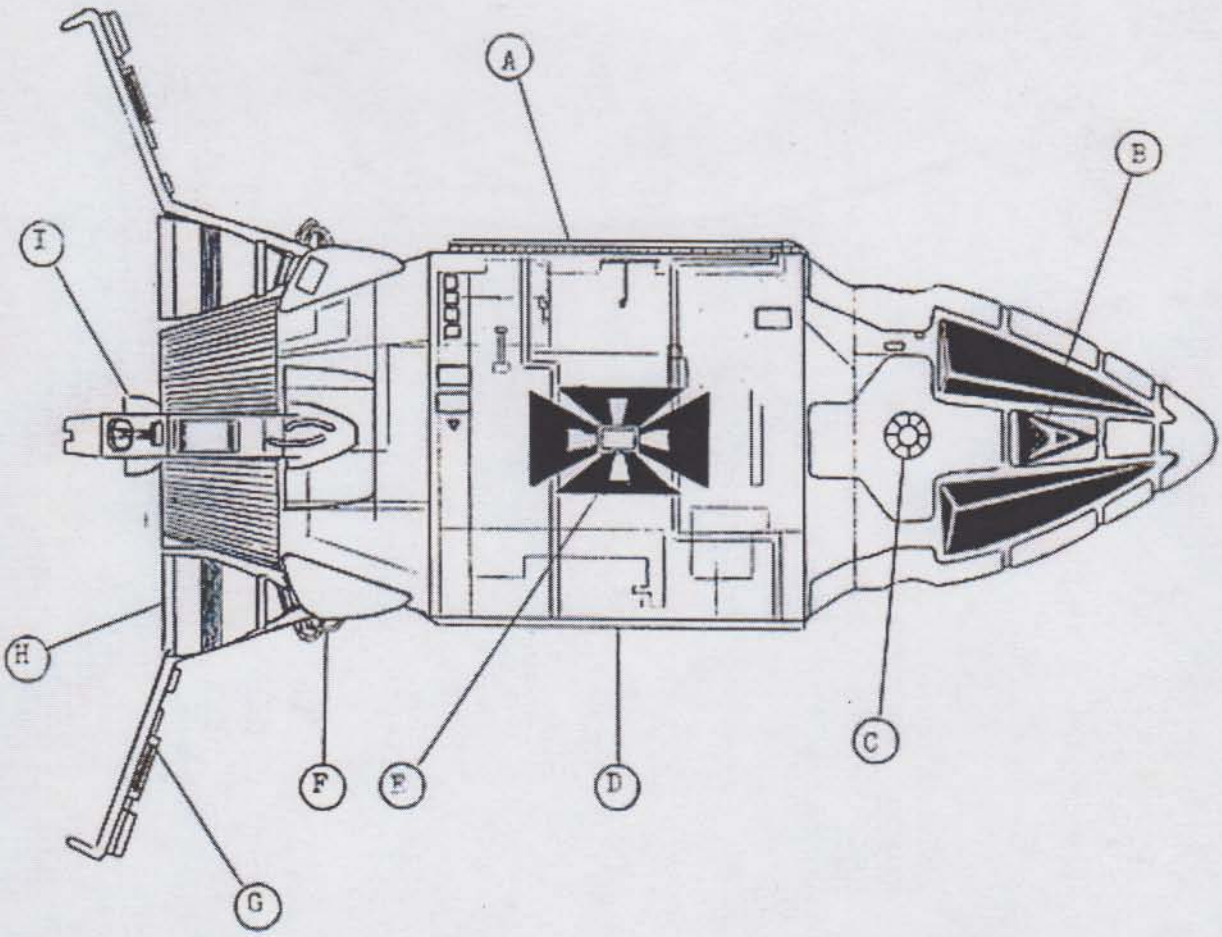
SPACECRAFT

ULTRA PROBE



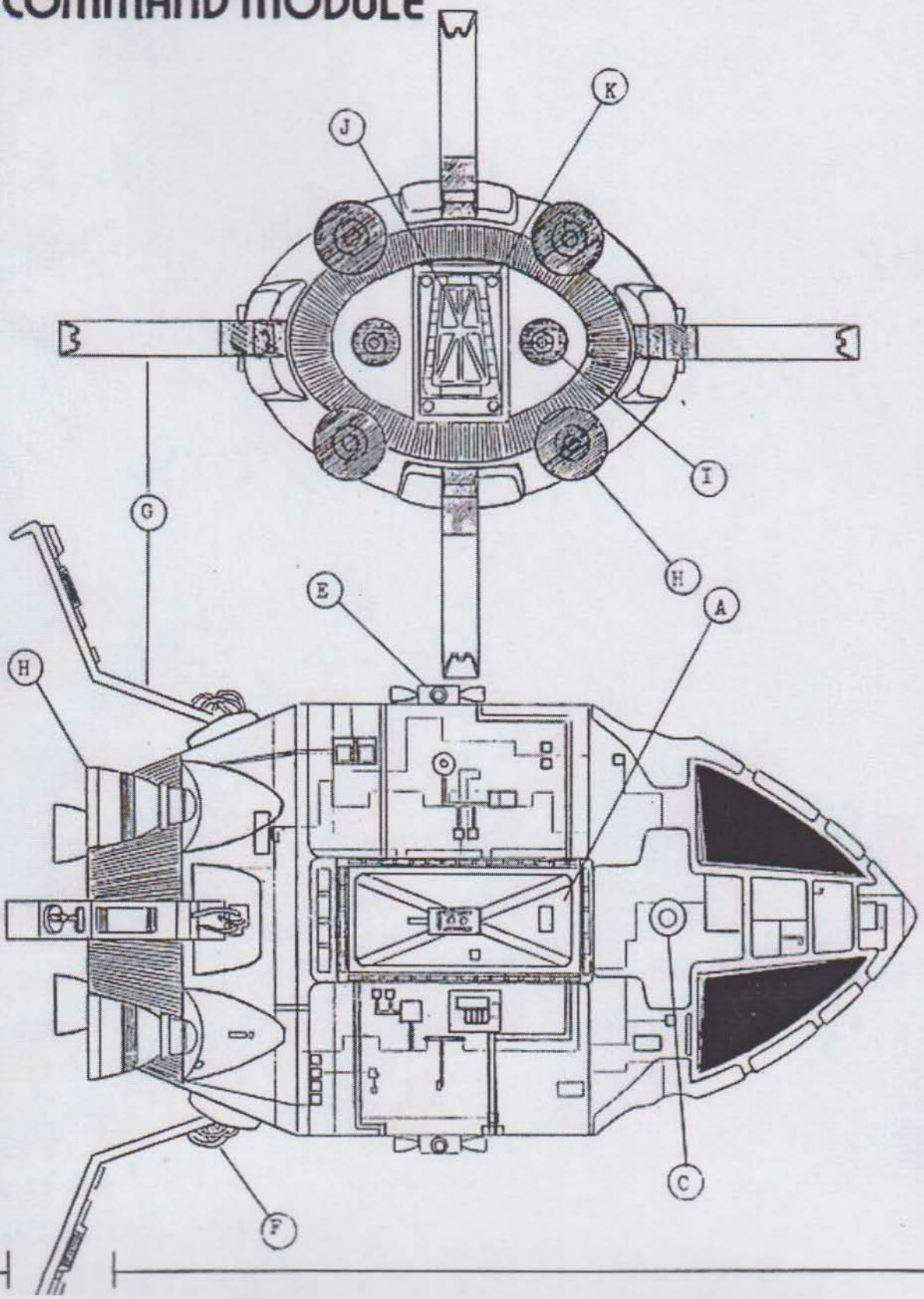
ULTRA PROBE

COMMAND MODULE



ULTRA PROBE

COMMAND MODULE



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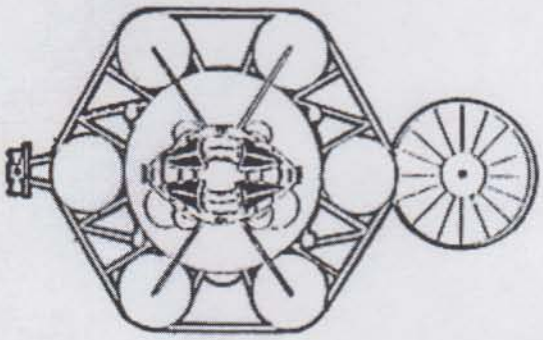
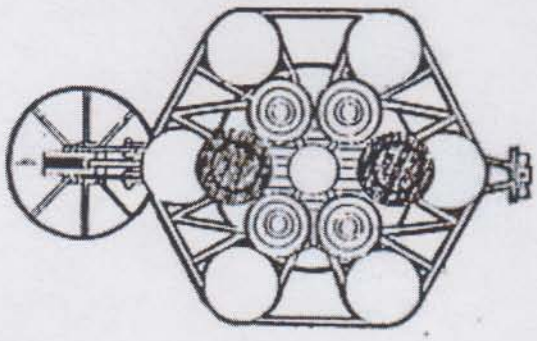


FRONT ELEVATION



REAR ELEVATION

ULTRA PROBE KEY (ALPHA-4000)

(A) COMMAND MODULE
(B) EXPLOSIVE BOLTS/MAGNETIC DOCKING LATCHES
(C) SUPPORT FRAME
(D) FUEL/FOOD STORAGE/EQUIPMENT STORAGE TANKS
(E) DEEP SPACE COMMUNICATIONS/TRACKING ANTENNA
(F) PROBESHIP MANUVERING ROCKETS (8)
(G) SPHERICAL RADAR
(H) MAIN FUEL TANKS
(I) MAGNETIC BOTTLES
(J) MAIN ENGINES
(K) MAIN BODY SUPPORT FRAME

ULTRA PROBE COMMAND MODULE KEY (ALPHA-4001-4002)

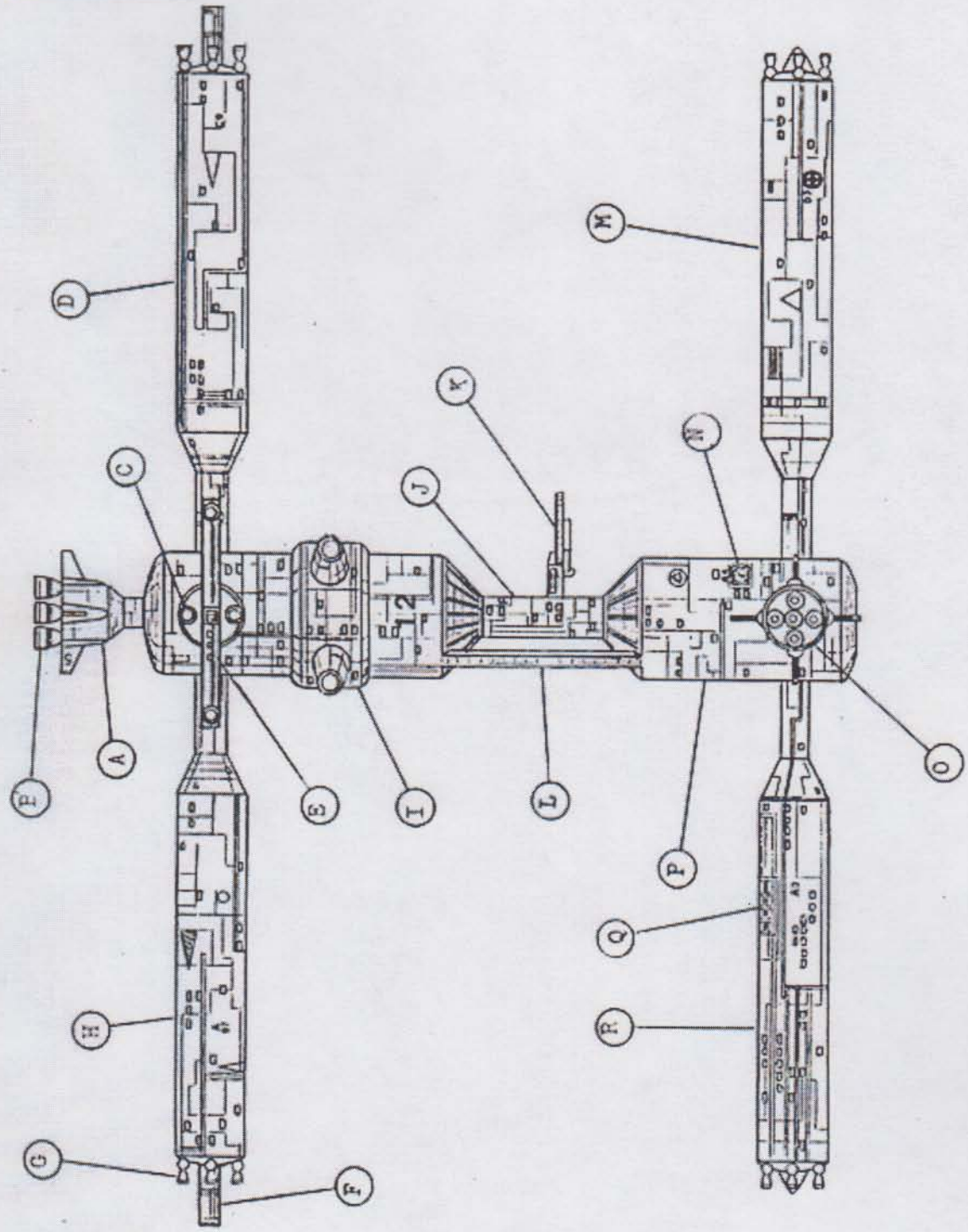
(A) EMERGENCY ESCAPE HATCH
(B) ULTRA PROBE INSIGNIA
(C) STEERING ROCKETS
(D) LANDING STRUTS (RETRACTED)
(E) MANUVERING ROCKETS (8)
(F) MAGNETIC DOCKING LATCH UMBILICALS
(G) MAGNETIC DOCKING LATCH (RELEASED AND EXTENDED)
(H) COMMAND MODULE MAIN ENGINES
(I) SECONDARY ENGINES
(J) MAIN HATCH
(K) MAGNETIC DOCKING PINS (4)

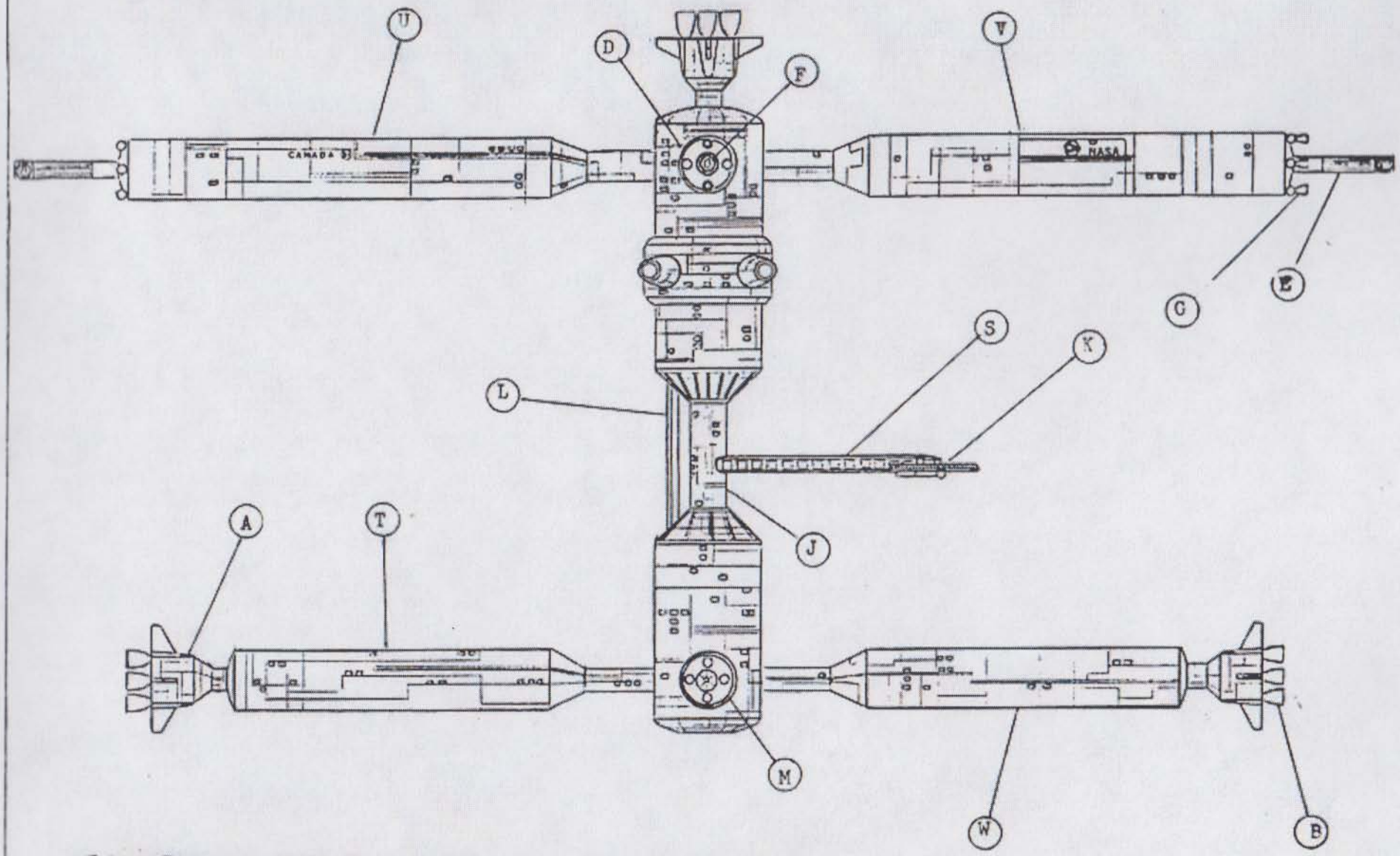
COMPLEMENT:
CAPTAIN (COMMANDER)
ASTROPHYSICIST
RADIOLOGIST
MEDICAL OFFICER/PSYCHOLOGIST

LENGTH: 168.3 ft.
WIDTH: 33 ft.
HEIGHT: 27.6 ft.
GROSS WEIGHT: 520 tons
PROPULSION: 2 nuclear fusion engines
FUEL: compressed hydrogen
MAXIMUM VELOCITY: 0.20c
MAXIMUM RANGE: 450 billion miles
ENDURANCE: $6\frac{1}{2}$ years

CENTURI SPACESTATION

SIDE PROFILE



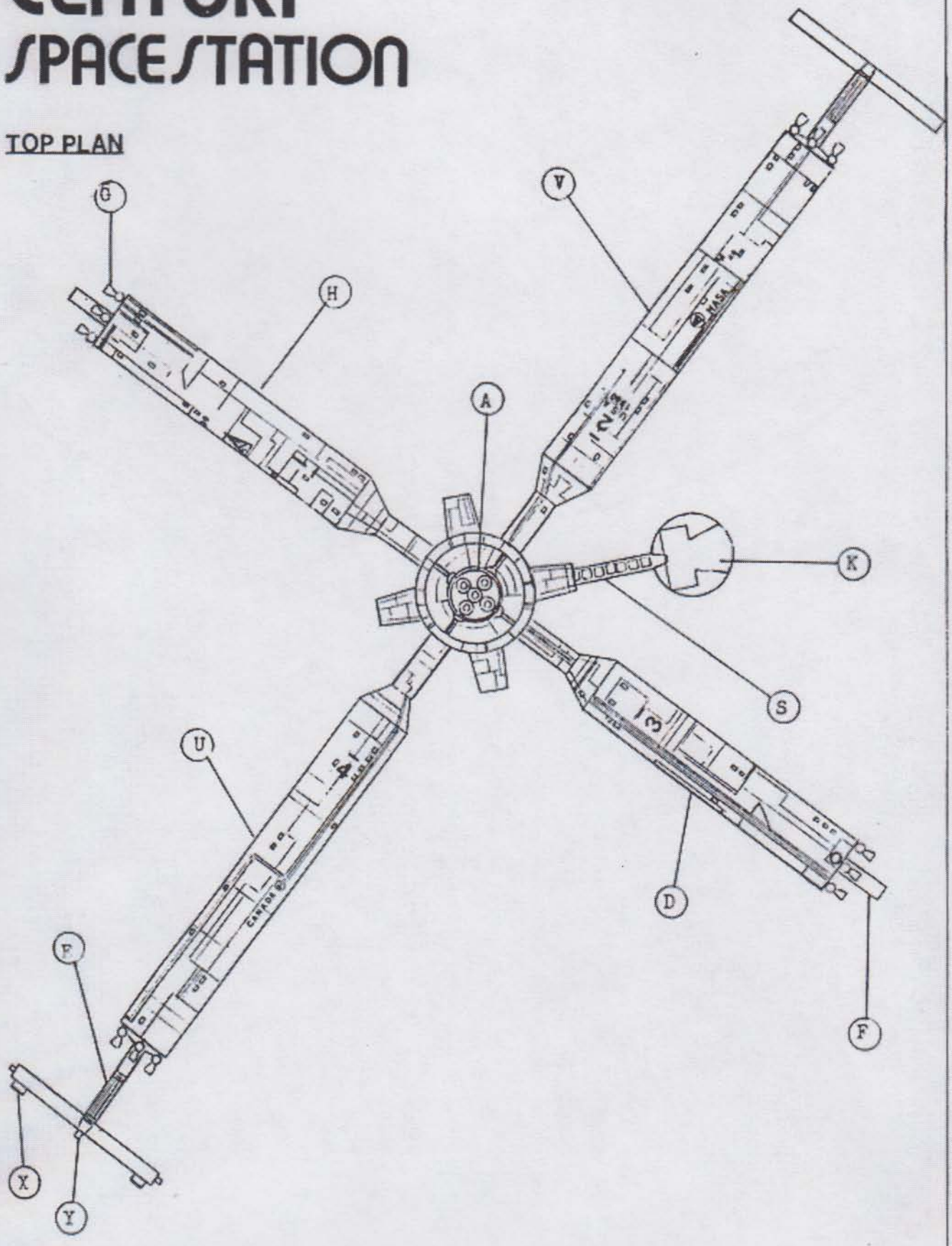


CENTURI SPACESTATION

SIDE PROFILE

CENTURI SPACESTATION

TOP PLAN



Key

CENTURI KEY (SPACEDOCK 4004-4006)

(A) ORBITAL BOOSTER UNIT
(B) ORBITAL BOOSTER ENGINES
(C) DOCKING ARM 4 EMERGENCY BOOSTER ENGINES
(D) DOCKING ARM 3
(E) BOARDING TUBE FOR LARGER SPACECRAFT
(F) BOARDING TUBE
(G) EMERGENCY OPPITAL BOOSTER ENGINES
(H) DOCKING ARM 1
(I) COMMAND SECTION
(J) DORSAL LOUNGE
(K) LANDING PAD FOR EAGLE SPACECRAFT
(L) DORSAL SUPPORT ROD
(M) DOCKING ARM 7
(N) SPACE BAY DOORS
(O) DOCKING ARM 8 AND ORBITAL BOOSTER
(P) GENERATING LEVELS
(Q) ENVIRONMENTAL HABITAL SKYLITE
(R) DOCKING ARM 5
(S) TRAVEL TUBE
(T) DOCKING ARM 8
(U) DOCKING ARM 4
(V) DOCKING ARM 2
(W) DOCKING ARM 6
(X) MAGNETIC DOCKING LATCH (EXTENDED)
(Y) GENERAL BOARDING TUBE (EXTENDED)

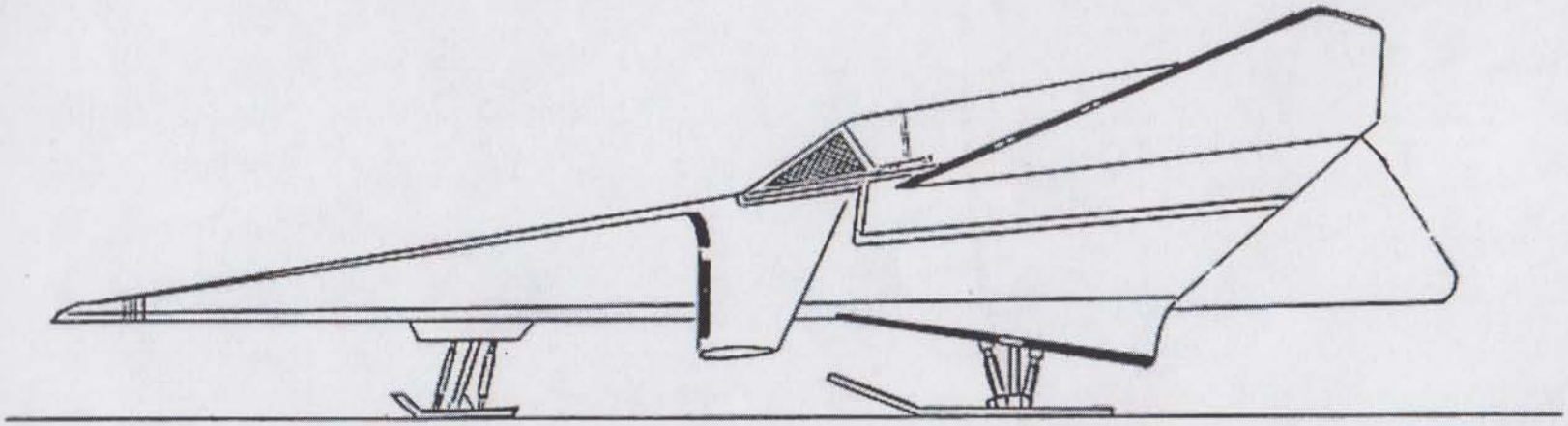
LOCATION: EARTH ORBIT
COMPLEMENT: 199 PERSONS (MAXIMUM CAPACITY 250)
NUMBER OF DOCKING PORTS: (4)
NUMBER OF ORBITAL BOOSTER UNITS: (3)
NUMBER OF EMERGENCY ORBITAL BOOSTER ENGINES: (24)
NUMEER OF LANDING PADS: (1)

DOCKING ARM 1: MEDICAL EXPERIMENTATION LABS/MEDICAL CENTER
DOCKING ARM 2: CHEMICAL/ASTROPHYISICS LABS
DOCKING ARM 3: MAINTENANCE/TECHNICAL LABS/RECEPTION/ORIENTATION CENTERS
DOCKING ARM 4: LIVING QUARTERS
DOCKING ARM 5: SPACESTATION SECURITY
DOCKING ARM 6: EMERGENCY POWER STATION
DOCKING ARM 7: DEEP SPACE TRACKING CENTERS
DOCKING ARM 8: RECREATION/DINING AREAS
DORSAL: LOUNGE AREA
UPPER STATION MAIN BODY HUB: COMAND CENTER AREA
LOWER STATION MAIN BODY HUB: GENERATING LEVELS/TECHNICAL EXPERIMENTATION AREA
BUILT IN 1981 BY CANADIAN AND AMERICAN JOINT EFFORTS.

Spacecraft

RE ENTRY GLIDER

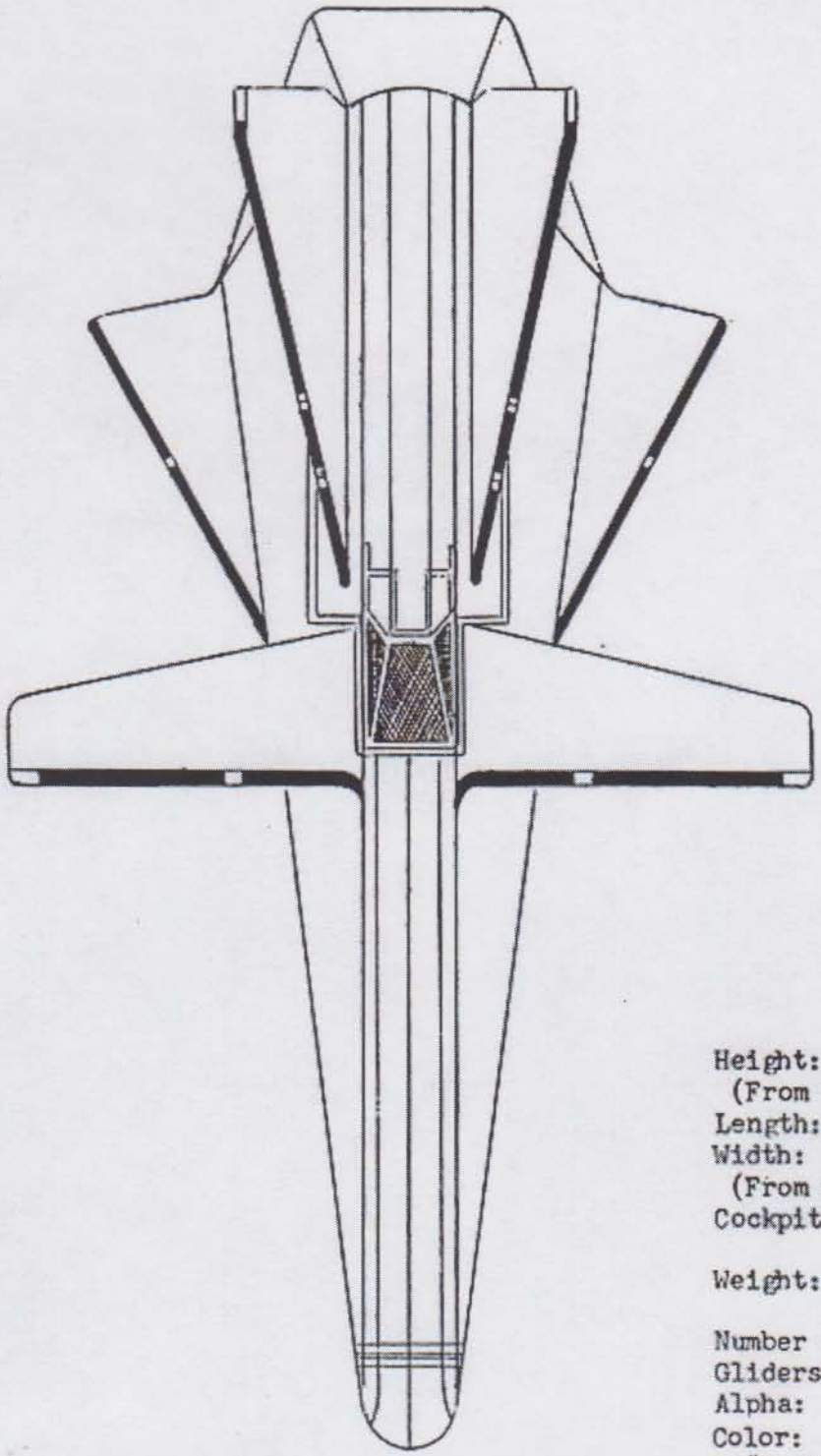
Glider - 4008



GENERAL INFORMATION:

The Reentry Glider is made completely from plastics and has no metal properties throughout its structure. The glider was primarily on MOONBASE ALPHA for tests to be completed in Earth's atmosphere, which would be achieved by a specially adapted TRANSPORTER EAGLE with the glider attached to its top superstructure, mainly above the passenger module. Entry to the glider would be from underneath through a special airlock tube from the EAGLE's passenger module. The glider was constructed on MOONBASE ALPHA in 1998, and plans for its initial testing were all but abandoned when the Moon tore out of Earth's orbit on Sept. 13, 1999.

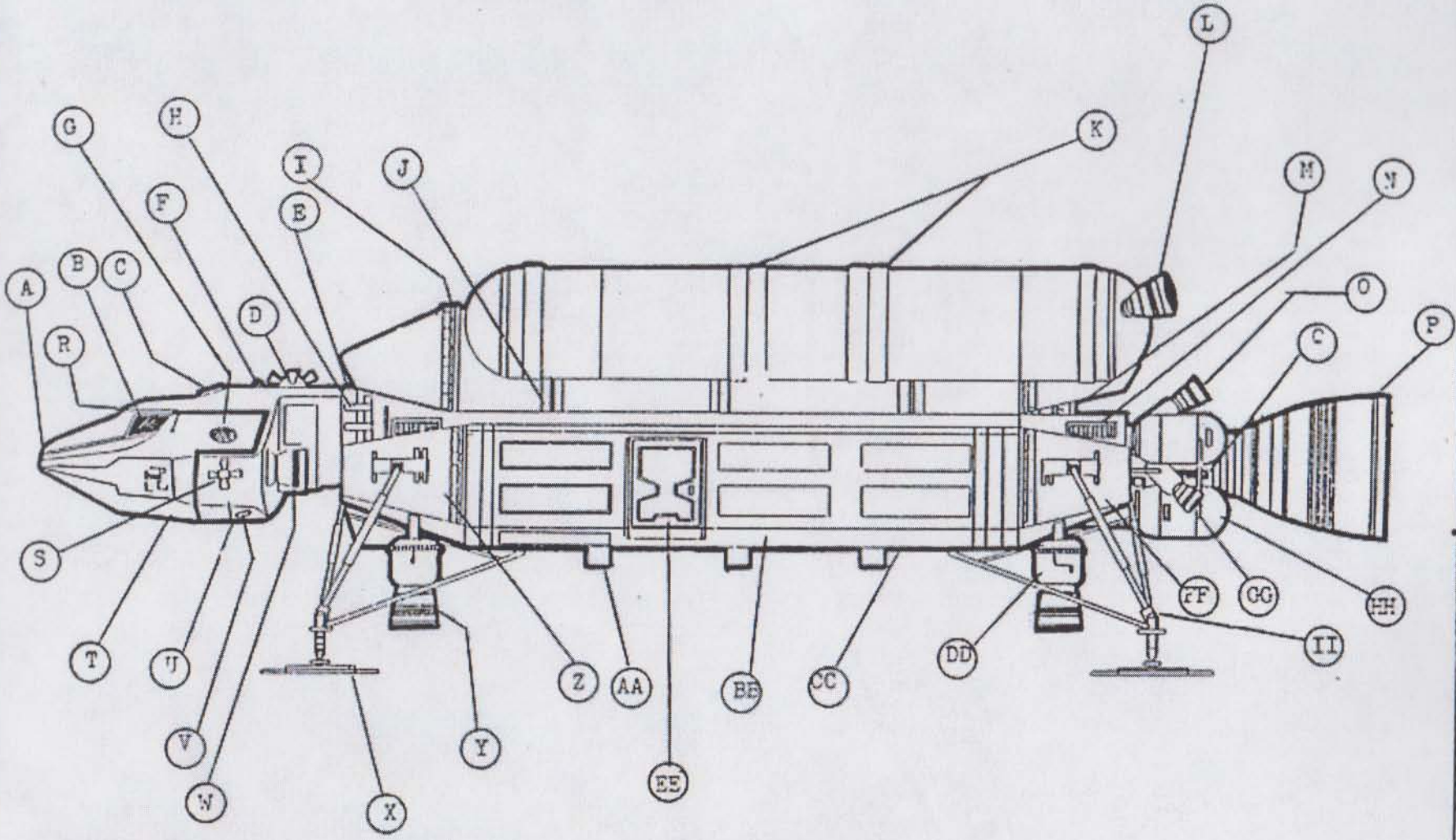
RE ENTRY GLIDER



Height: 9½ ft
(From tail fin)
Length: 31 ft
Width: 19 ft
(From wing tips)
Cockpit space:
4½ ft x 6 ft
Weight: 1 ton

Number of Reentry
Gliders on Moonbase
Alpha: 4
Color:
#1: Burnt red orange
#2: Slate blue
#3: Peacock green
#4: Mustard

spaceCraft

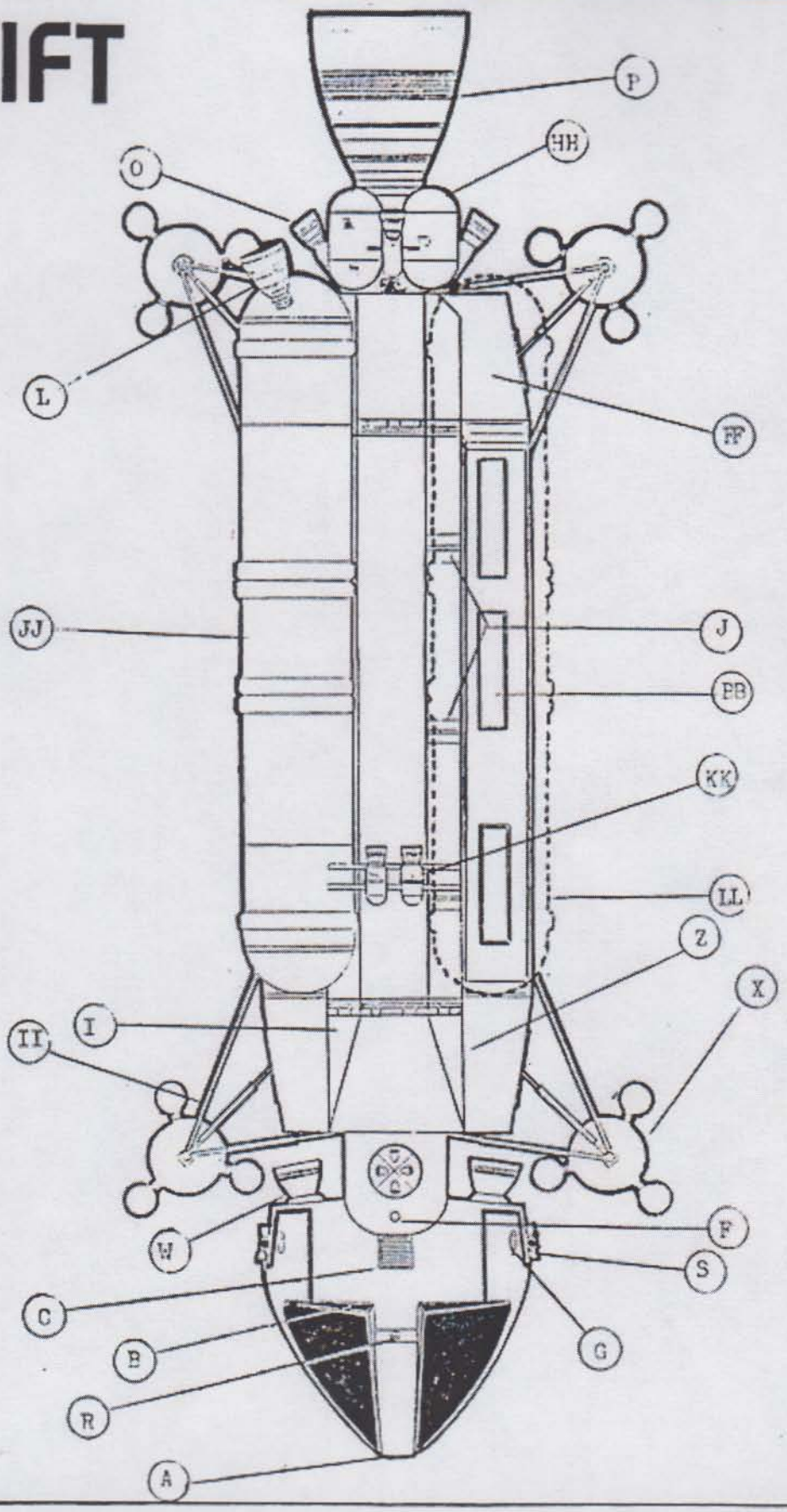


SWIFT

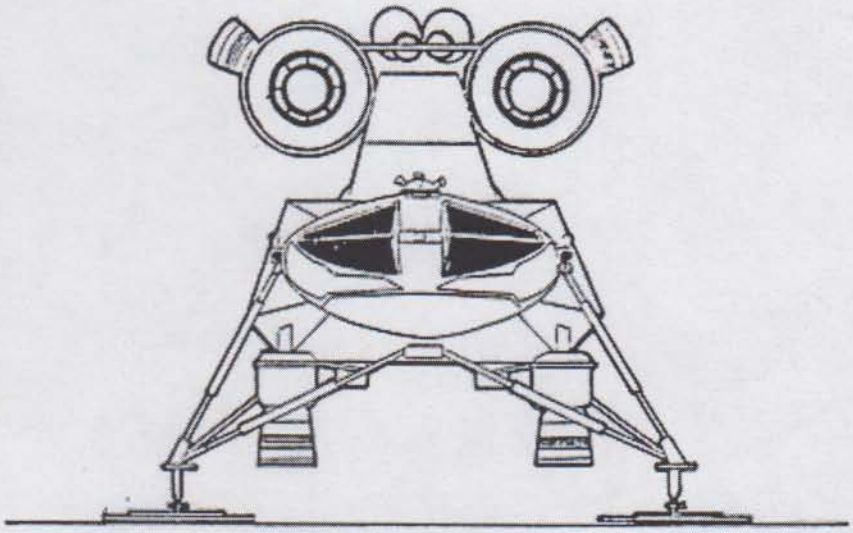
Interplanetary Support Craft

spaceProbe - 4010

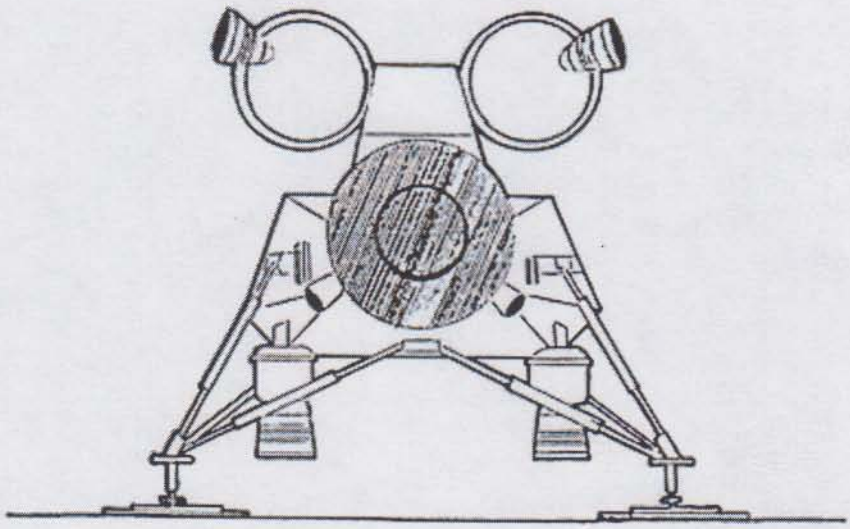
SWIFT



SWIFT



FRONT ELEVATION



REAR ELEVATION

Key

SWIFT-INTERPLANETARY SUPPORT CRAFT (SPACEPROBE-4010-4012)

(A) HEAT SHIELDING
(B) FORWARD VIEWPORTS (2) P/S
(C) MAIN SENSOR
(D) MANEUVERING ROCKETS (4 top side)
(E) MAGNETIC DOCKING LATCH
(F) NAVAGATION BEACON
(G) STEERING ROCKETS (3)
(H) EXPLOSIVE BOLTS (6) P/S
(I) SERVICE MODULE
(J) BOOSTER SUPPORT LATCHES (6) P/S
(K) MAGNETIC BOLTS
(L) BOOSTER ENGINE
(M) SERVICE MODULE STAIR WELL
(N) ANTI-GRAVITY STAPILIZER (4) P/S
(O) MANEUVERING ROCKETS (3)
(P) MAIN ENGINE
(Q) MAGNETIC BOLT
(R) MISSILE PORTS
(S) MANEUVERING ROCKETS (8) P/S
(T) SWIFT SHUTTLE (LIFE BOAT)
(U) OUTBOARD FUEL TANK (2) P/S
(V) MANEUVERING BOOSTERS (2) P/S
(W) MAIN ENGINE
(X) LANDING PAD (4)
(Y) LIFT OFF/LANDING ROCKETS (4) P/S
(Z) PILOT/COMMAND SECTION
(AA) LANDING ROCKETS (6)
(BB) PASSENGER MODULE
(CC) AIR LOCK OPENING (UNDERNEATH)
(DD) FUEL TANK
(EE) SLIDING DOOR (2) P/S
(FF) NUCLEAR POWER PACKS (2) REAR P/S
(GG) FUEL LINES
(HH) FUEL TANKS (3)
(II) HYDRAULIC SUSPENSION/LANDING SUPPORT FRAME
(JJ) STRAP-ON BOOSTER UNIT/FUEL TANK (2) P/S
(KK) BACKUP THRUSTERS (2)
(LL) STRAP-ON BOOSTER TANK OUT LINE

COMPLEMENT: PILOT
COPILOT-NAVIGATOR
CREW MEMBERS (2)

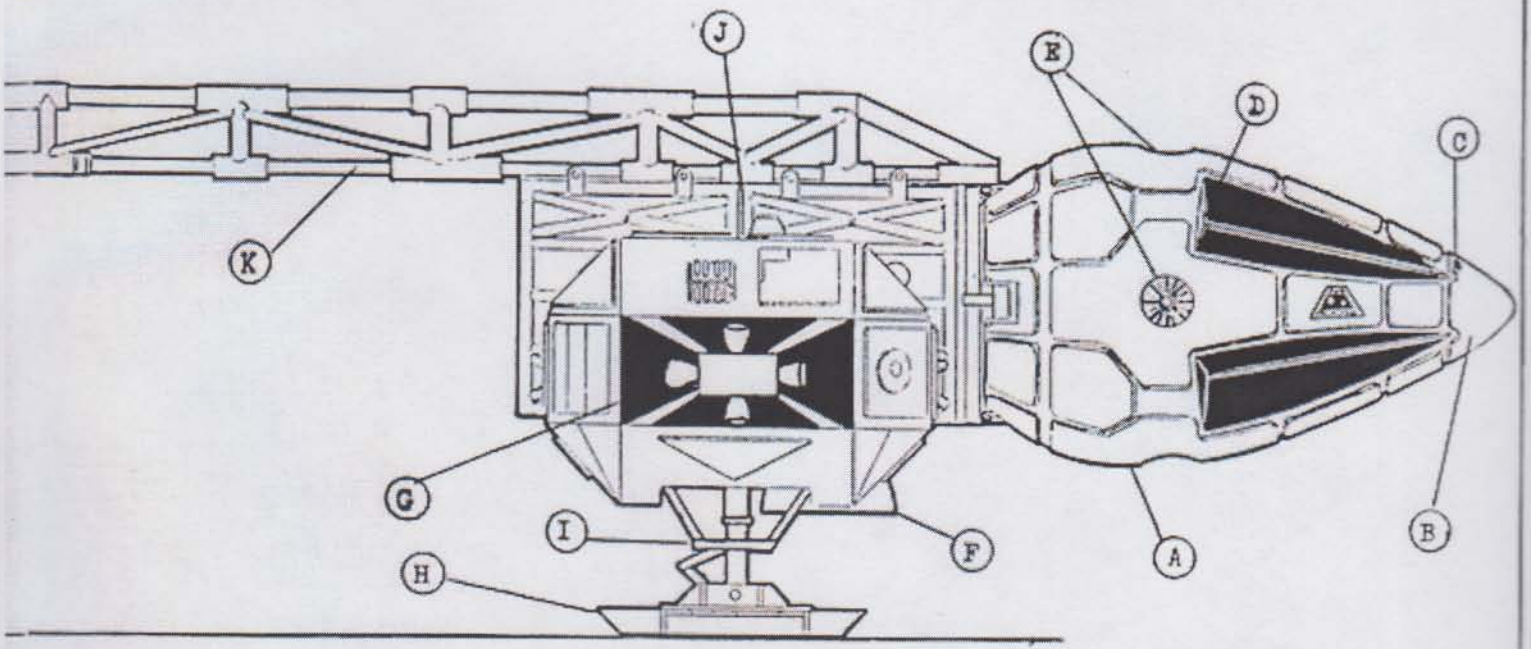
LENGTH: 77 ft.
WIDTH: 24 ft.
HEIGHT: 26.81 ft.
GROSS WEIGHT: 225 tons
PROPULSION: 1 nuclear fusion engine
2 nuclear fusion boosters
3 maneuvering nuclear fusion engines
10 chemical fuel landing rockets

FUEL: compressed hydrogen

MAXIMUM VELOCITY: 0.20 c
MAXIMUM RANGE: indefinite

ENDURANCE: indefinite
(It is estimated between one thousand, and one billion years)
ARMAMENT: 2 space-to-space missiles

Interplanetary SpaceCraft 4014

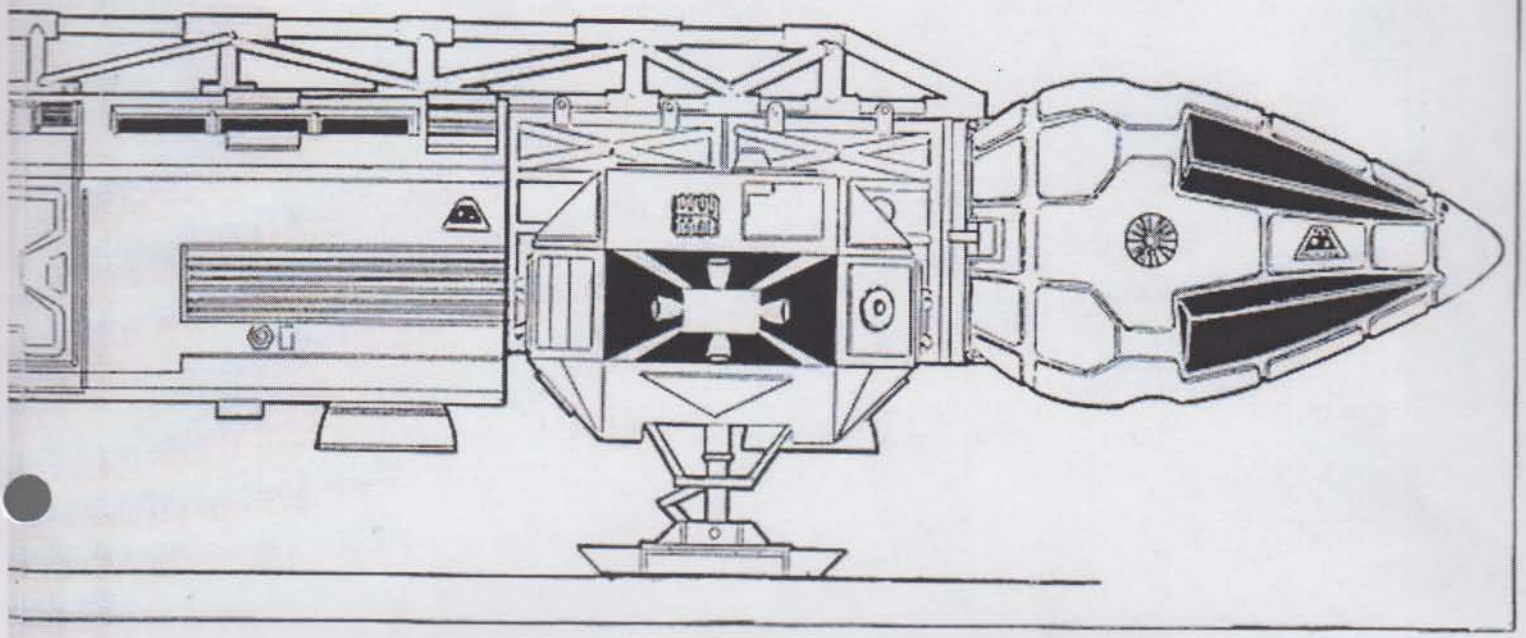


(M) ANTI-GRAVITY STABILIZERS (4)
(N) FUEL TANKS
(O) FUEL LINES
(P) MAIN ENGINES (4)
(Q) MAGNETIC BOLTS
(R) ENGINEERING MODULE

"BIRD OF PREY" SERIES
INTERPLANETARY SPACECRAFT

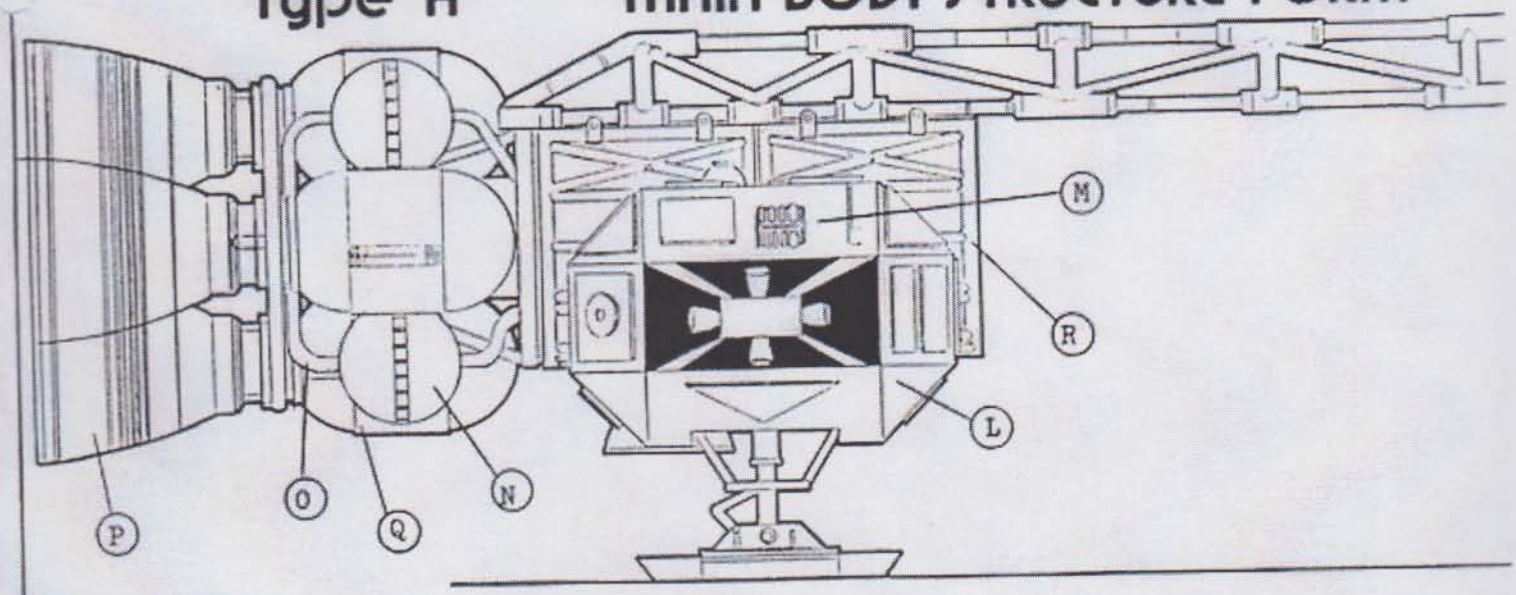
AUTHORIZATION: INTERNATIONAL LUNAR FINACE COMMITTEE
1992 APPROPRIATION

FALCON CLASS SHUTTLE PREDECESSOR



EAGLE

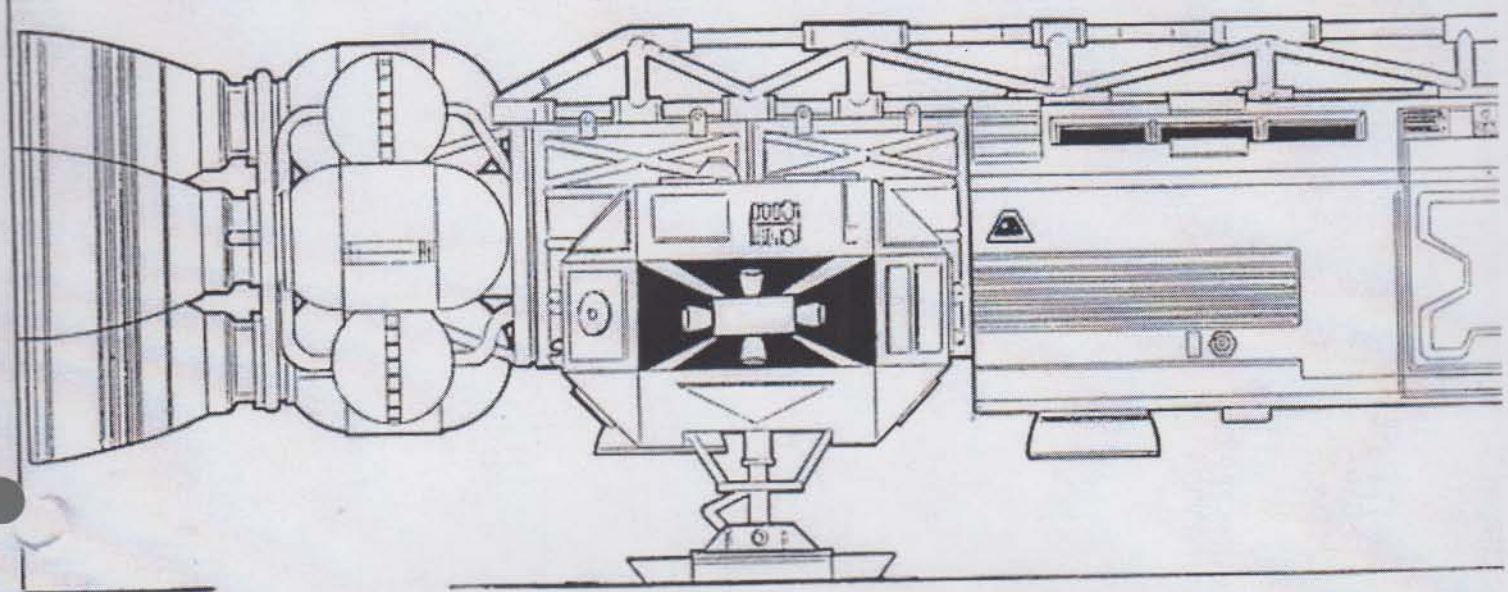
Type A MAIN BODY STRUCTURE FORM



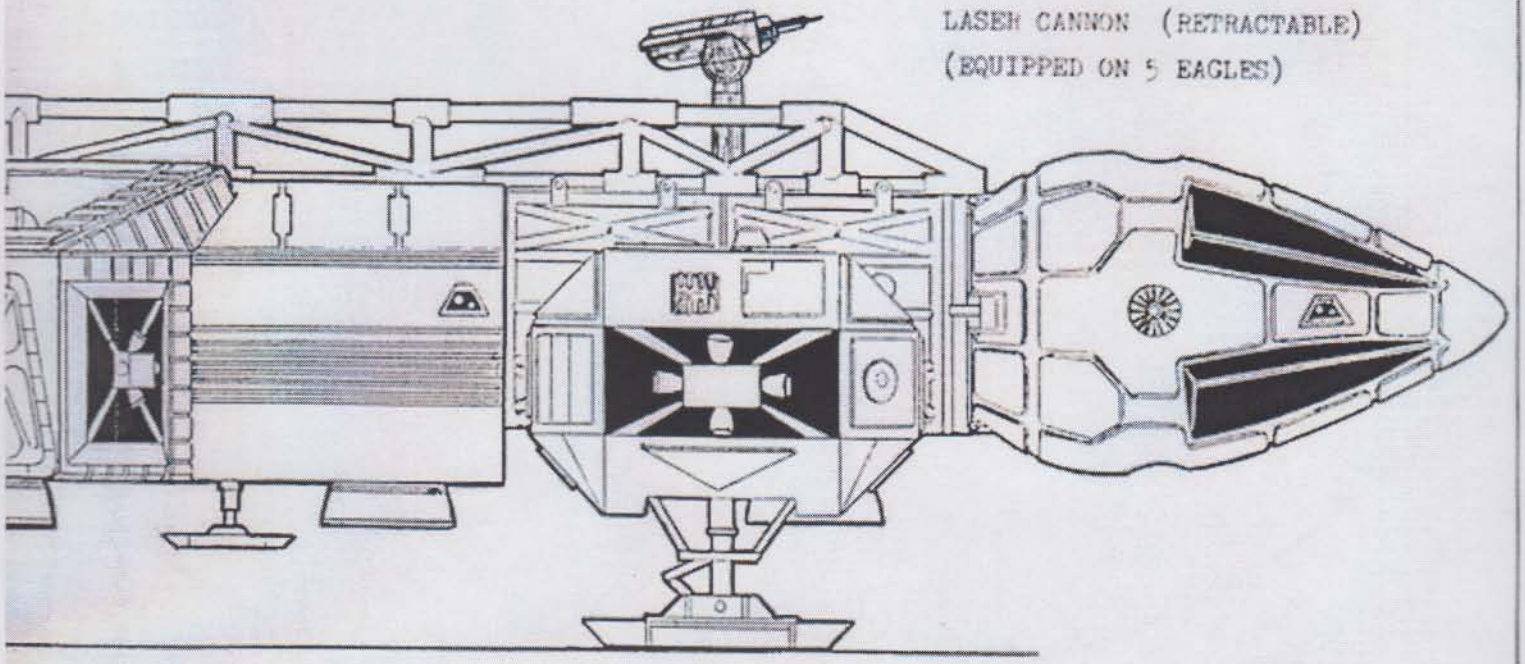
Key

(A) COMMAND MODULE
(B) HEAT SHIELDING
(C) MISSLE PORTS
(D) FORWARD VIEWPORTS (2)
(E) STEERING ROCKETS (4)
(F) LANDING ROCKETS (4)
(G) MANEUVERING ROCKETS (16)
(H) LANDING PADS (4)
(I) HYDRAULIC SUSPENSION
(J) SERVICE MODULE
(K) SUPPORTING FRAME
(L) OUTBOARD FUEL TANKS (4)

Type B&C TRANSPORTER/RECONNAISSANCE

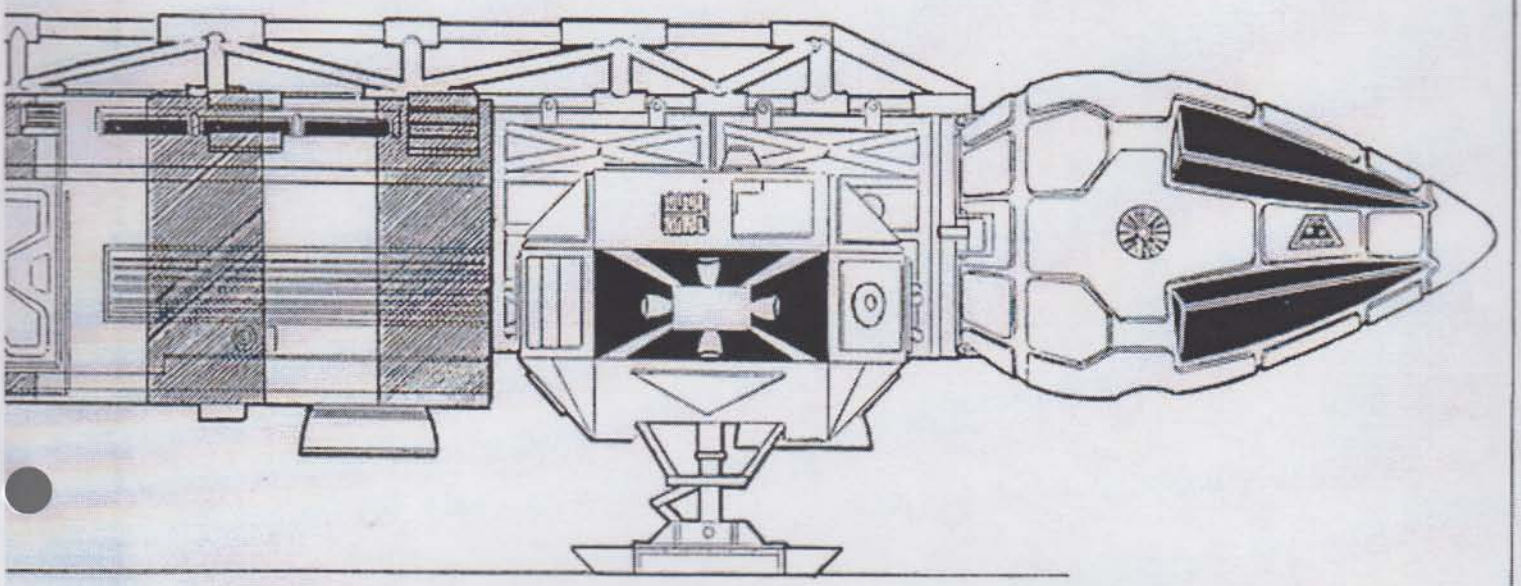


Interplanetary Spacecraft-4015



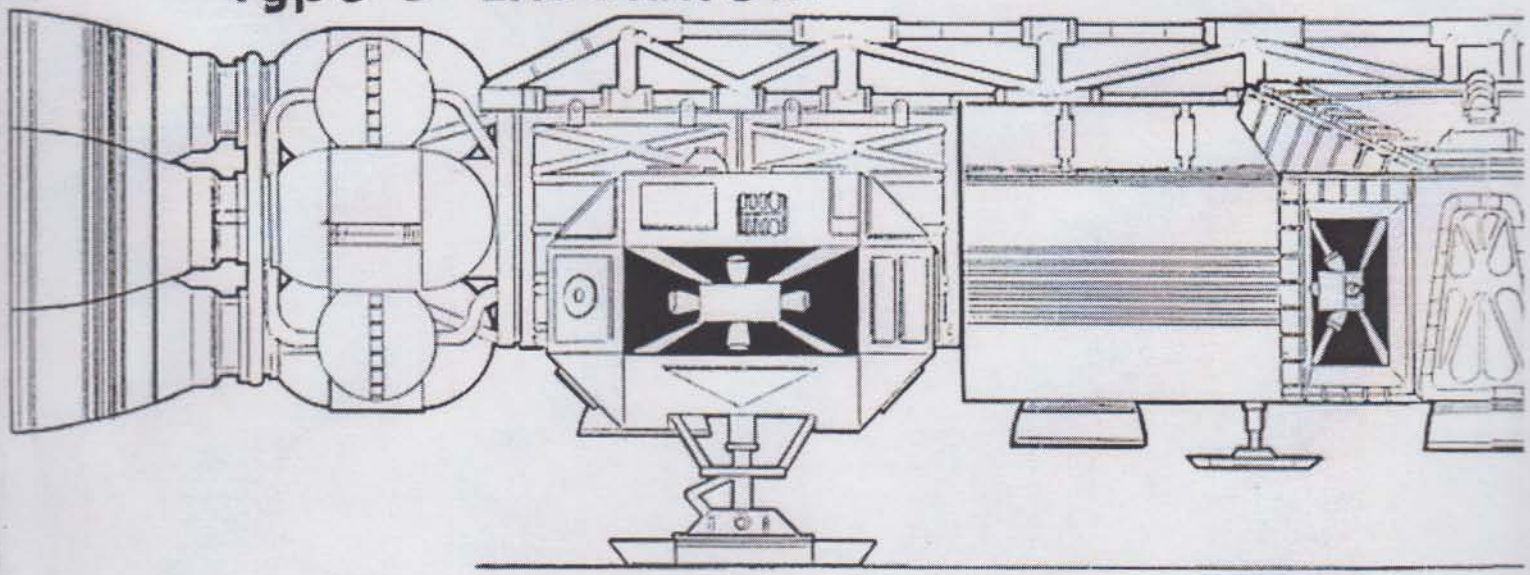
LENGTH: 99.26 FT.
WIDTH: 43.2 FT.
HEIGHT: 18.56 FT.
GROSS WEIGHT: 238 TONS
PROPULSION: 4 NUCLEAR FUSION ENGINES
4 CHEMICAL FUEL LANDING ROCKETS
STRAP-ON BOOSTER UNITS
FUEL: COMPRESSED HYDROGEN
MAXIMUM VELOCITY: 0.15c
MAXIMUM RANGE: 16 BILLION MILES

ENDURANCE: 96 HOURS
ARMAMENT: 2 LASER GUNS
2 SPACE TO SPACE MISSLES
UTILITY POD LENGTH: 33.56 FT.
UTILITY POD WIDTH: 19.86 FT.
UTILITY POD HEIGHT: 11.6 FT.
UTILITY POD ENDURANCE: 672 HOURS
STANDARD CEILING HEIGHT: 7 FT
SHIPS POWER: NUCLEAR GENERATOR



EAGLE

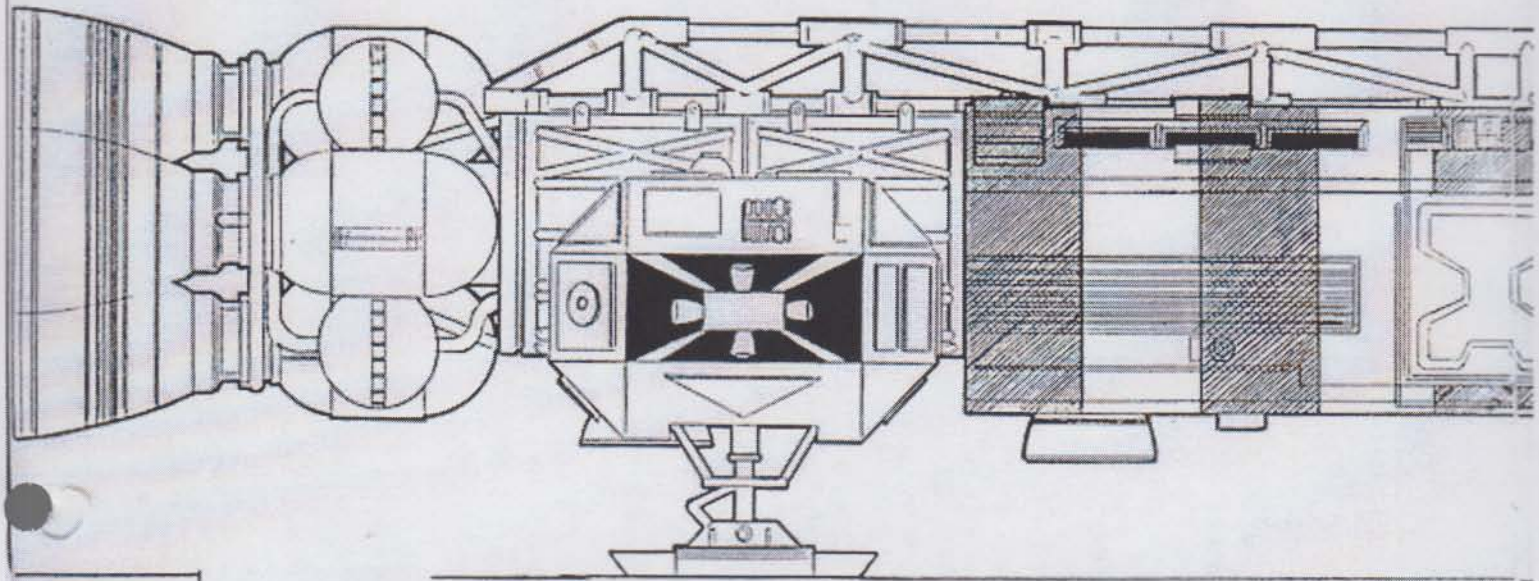
Type D LABORATORY

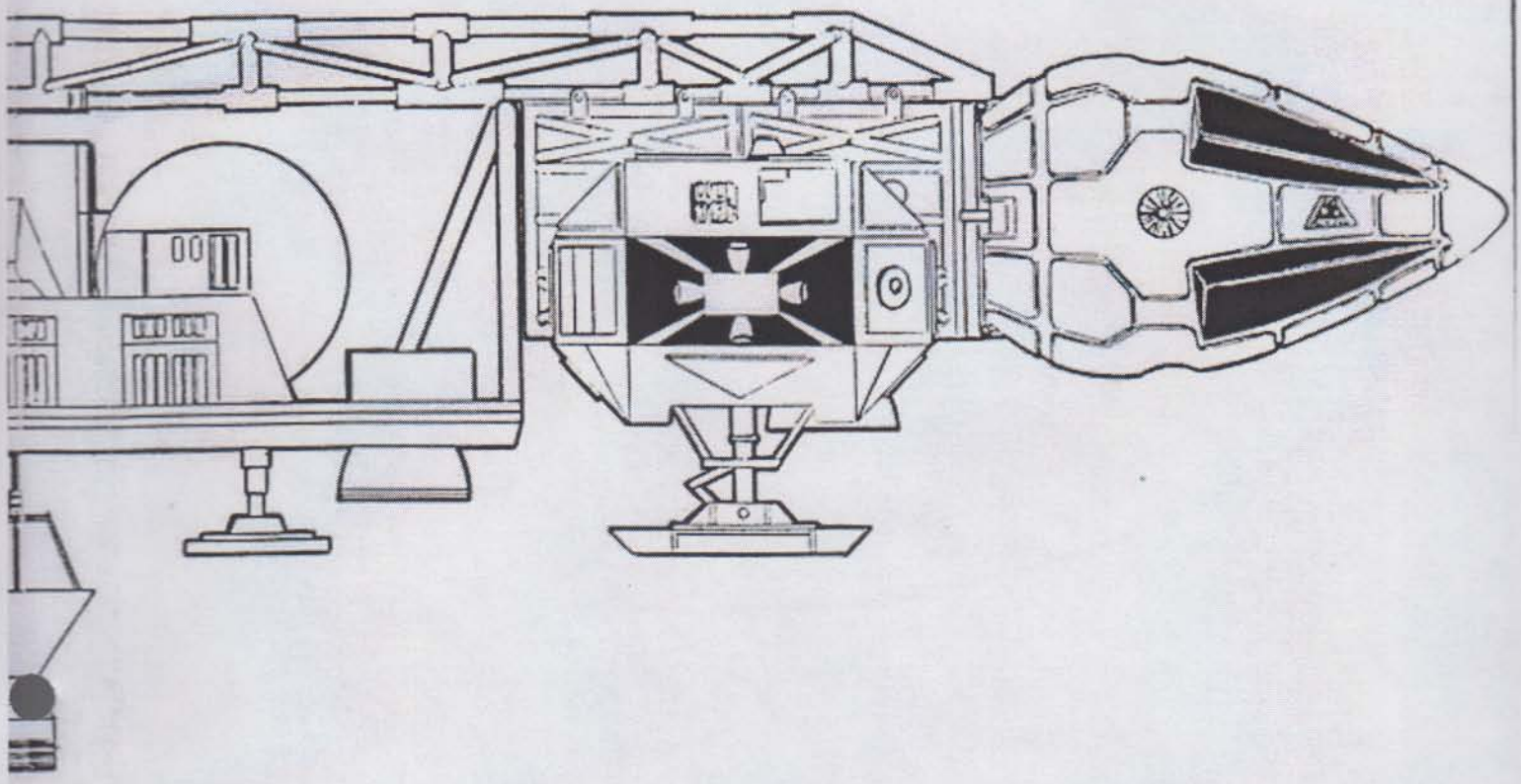


REGISTRATION: LUNA

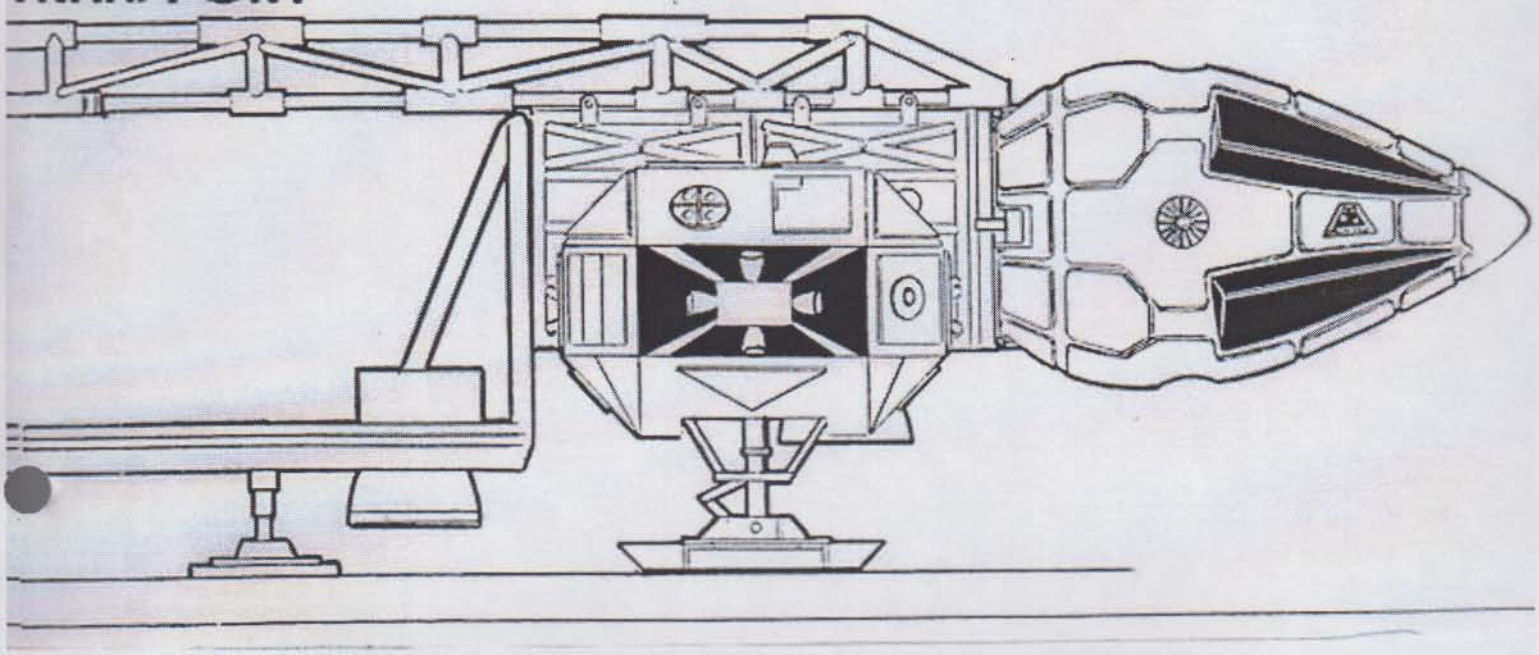
CONSTRUCTION: VEHICLE ASSEMBLY SECTION,
MOONBASE ALPHA

Type E RESCUE



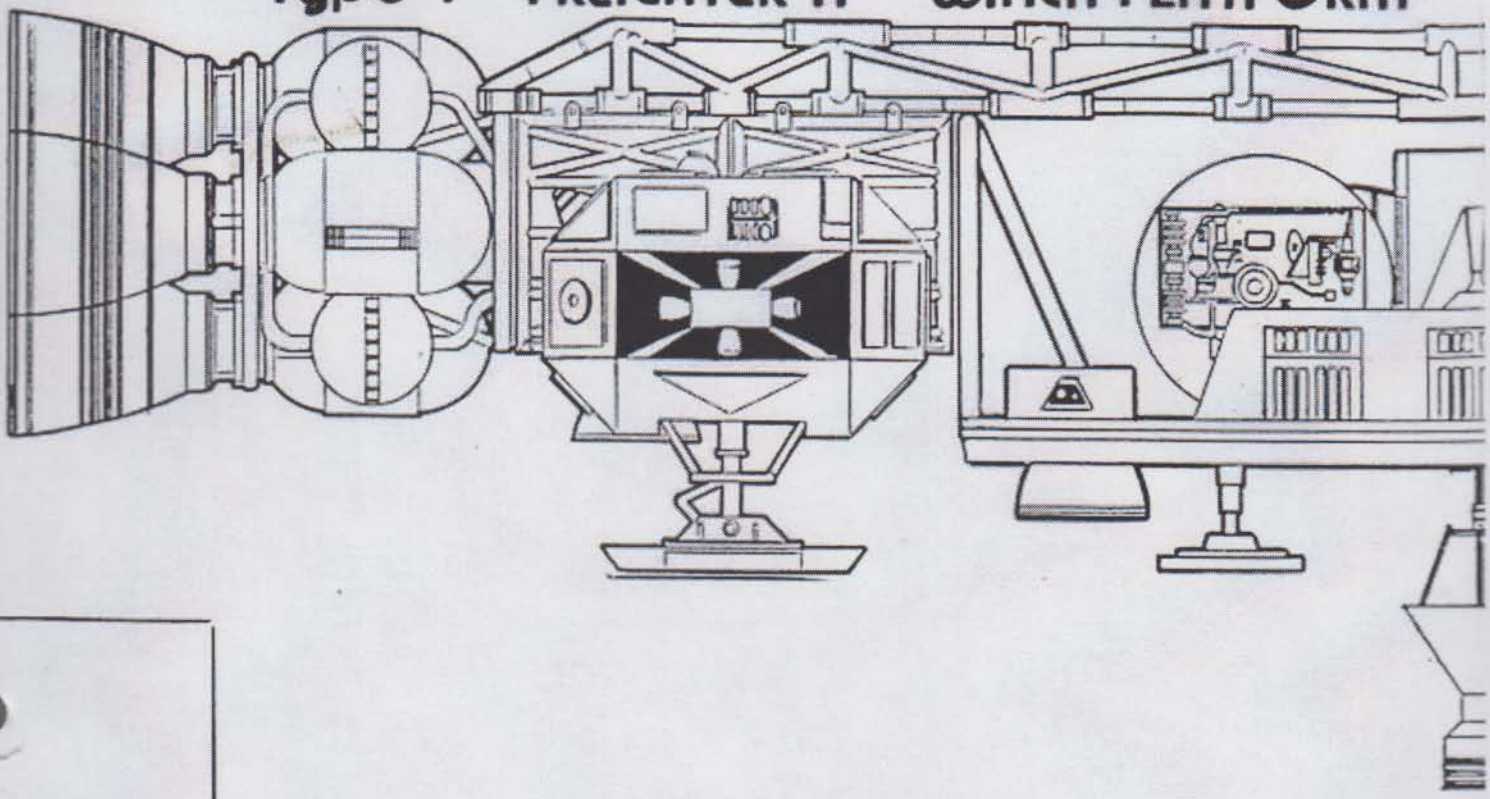


TRANSPORT

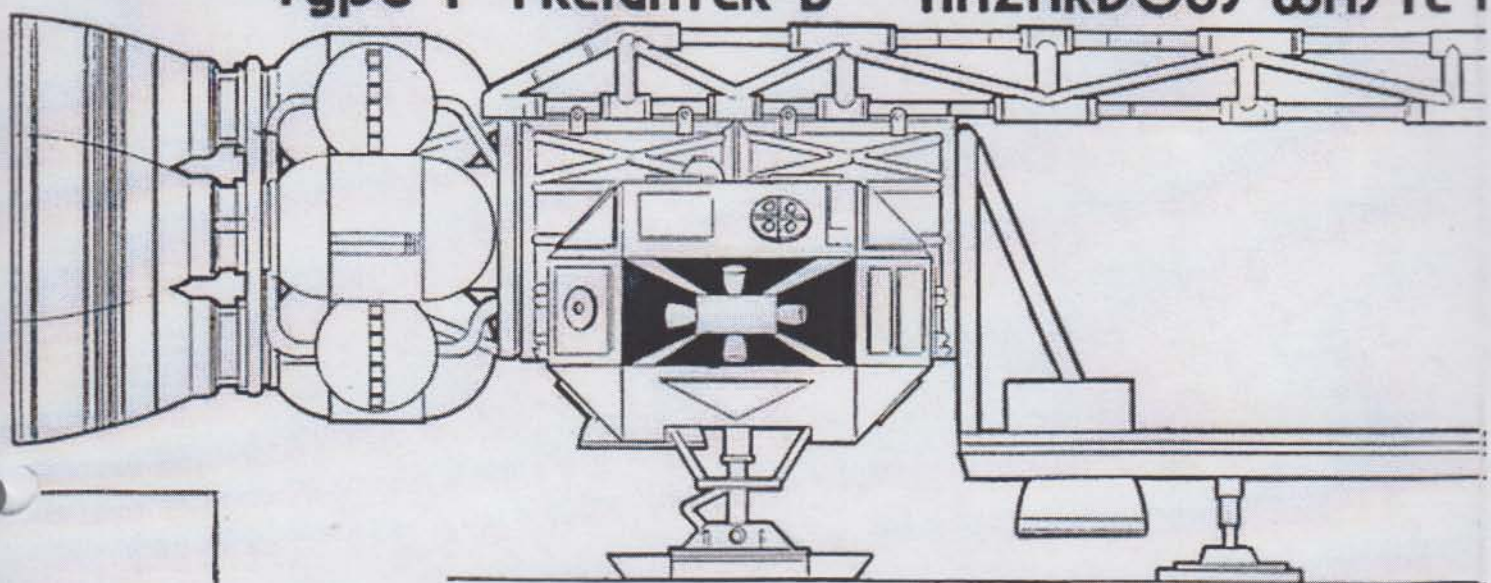


EAGLE

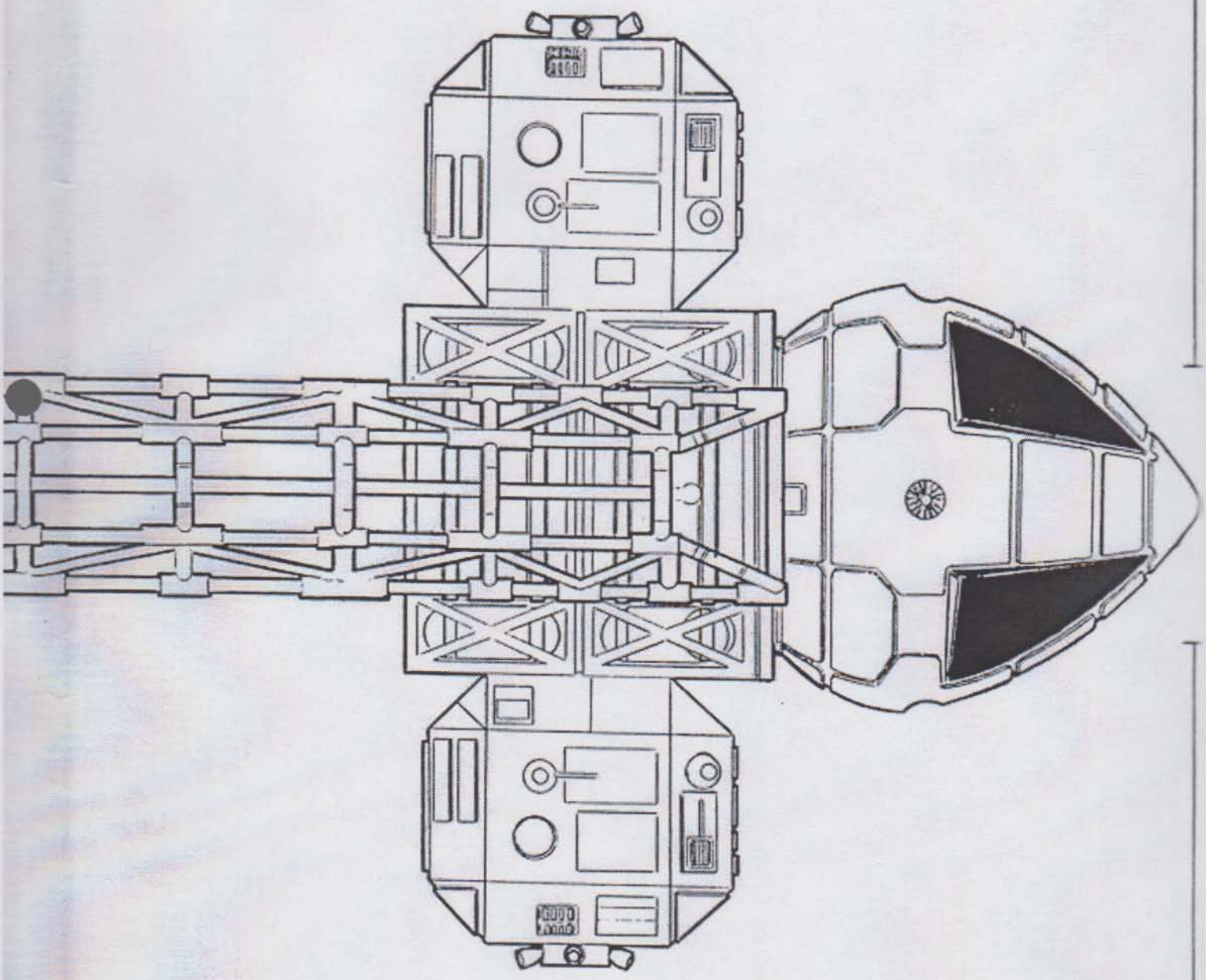
Type F FREIGHTER A WINCH PLATFORM



Type F FREIGHTER B HAZARDOUS WASTE T



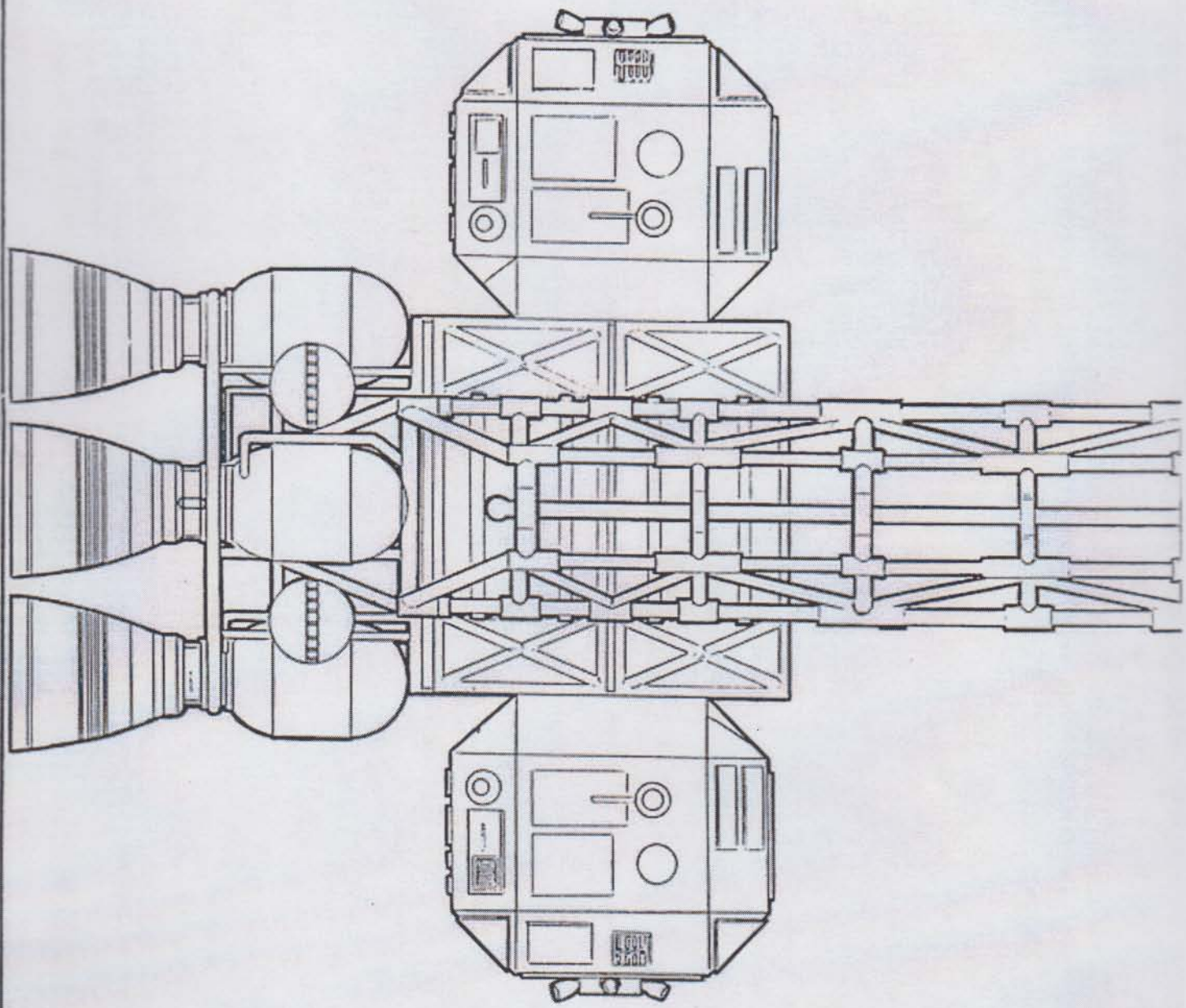
Interplanetary SpaceCraft 4017



EAGLE

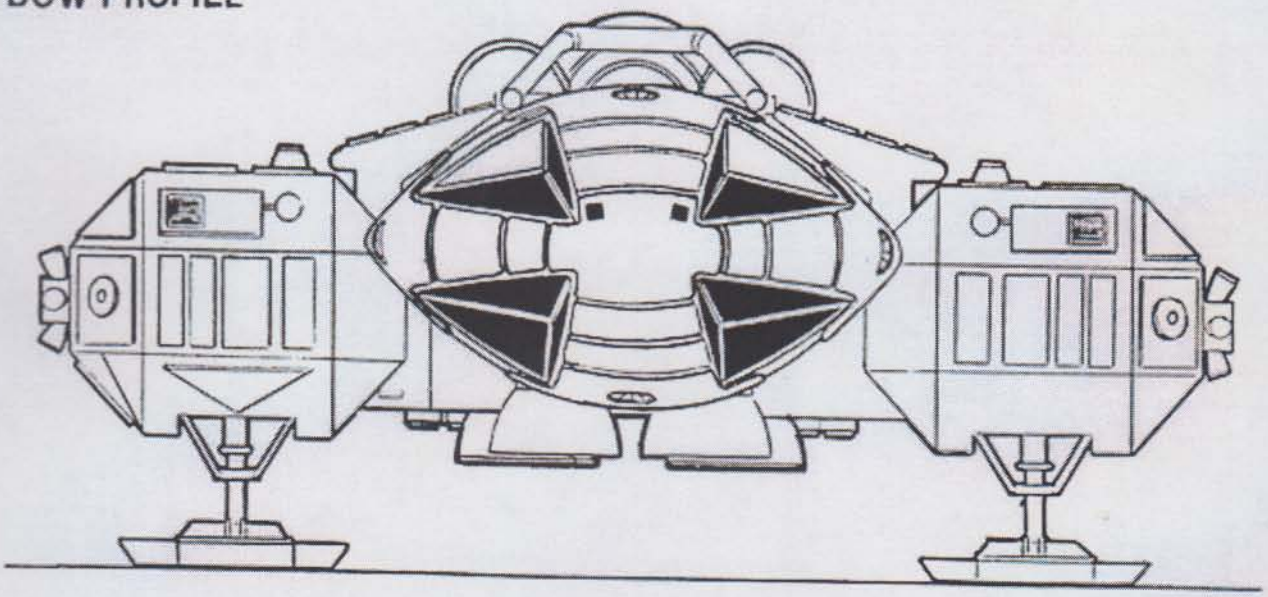
Type A MAIN BODY STRUCTURE FORM

TOP PLAN VIEW

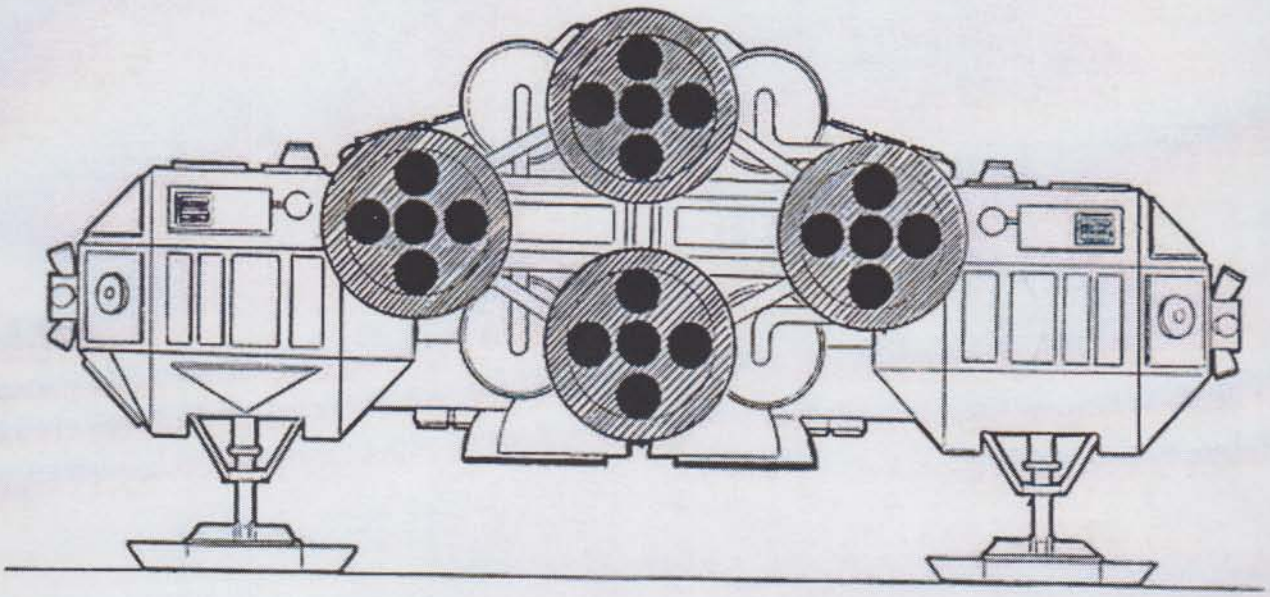


EAGLE

BOW PROFILE

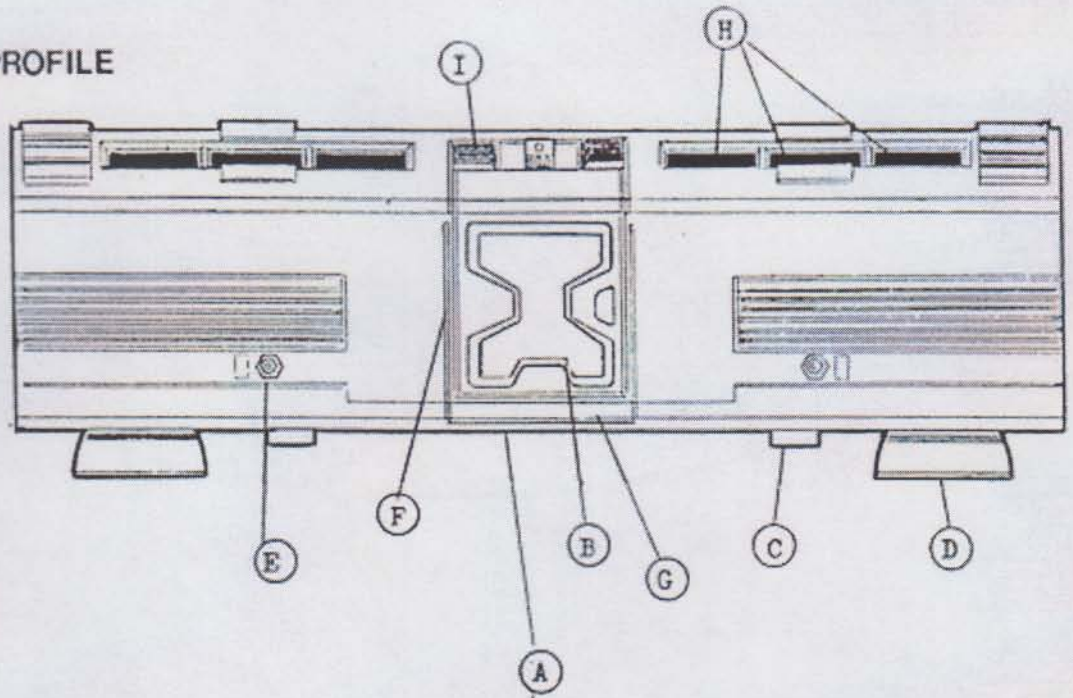


STERN PROFILE

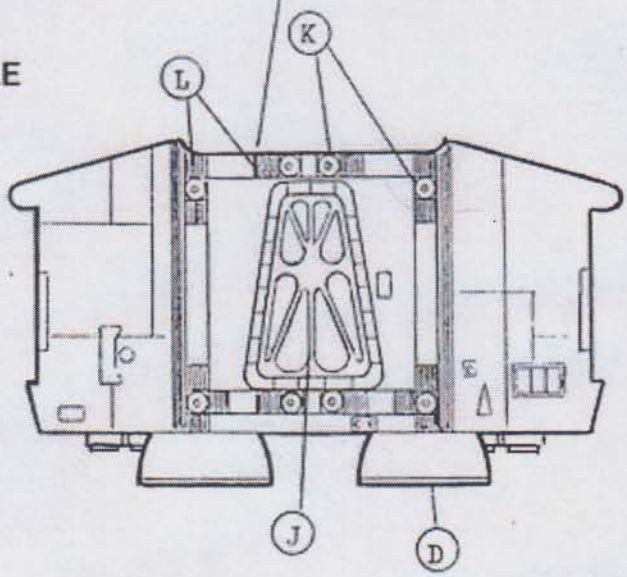


UTILITY POD
TYPE B/C/E
TRANSPORTER/RECONNAISSANCE/RESCUE

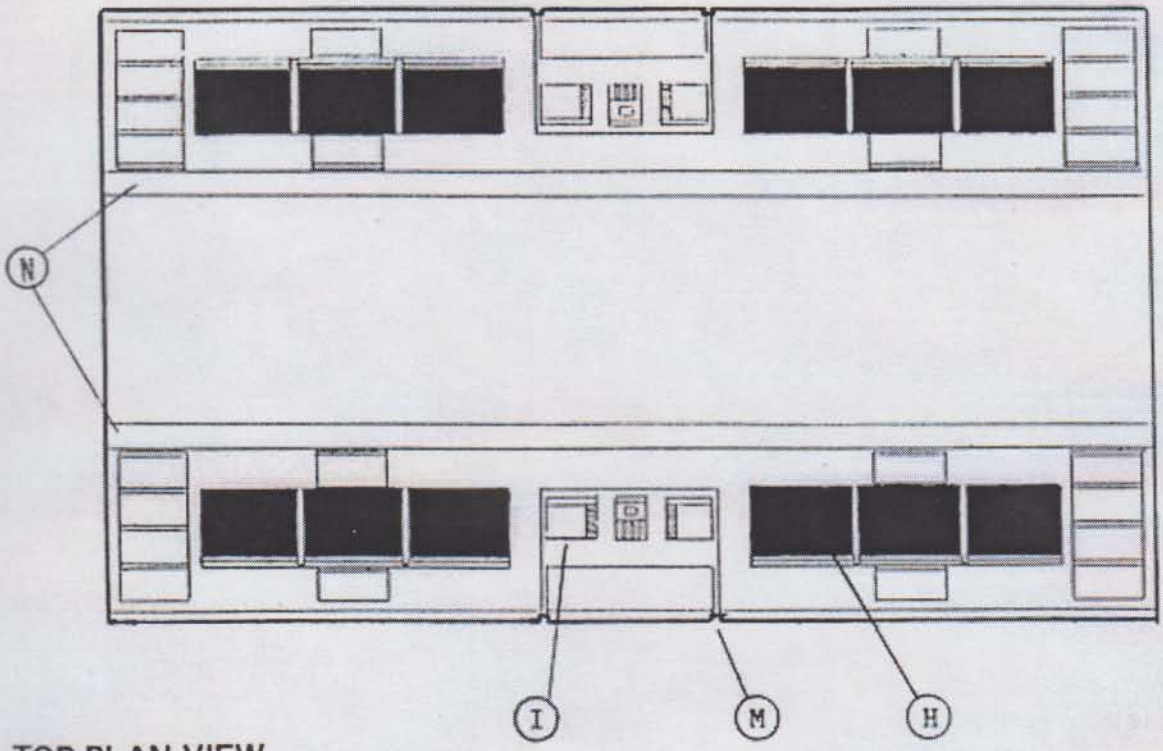
SIDE PROFILE



BOW/STERN PROFILE



UTILITY POD
TYPE B/C/E



TOP PLAN VIEW

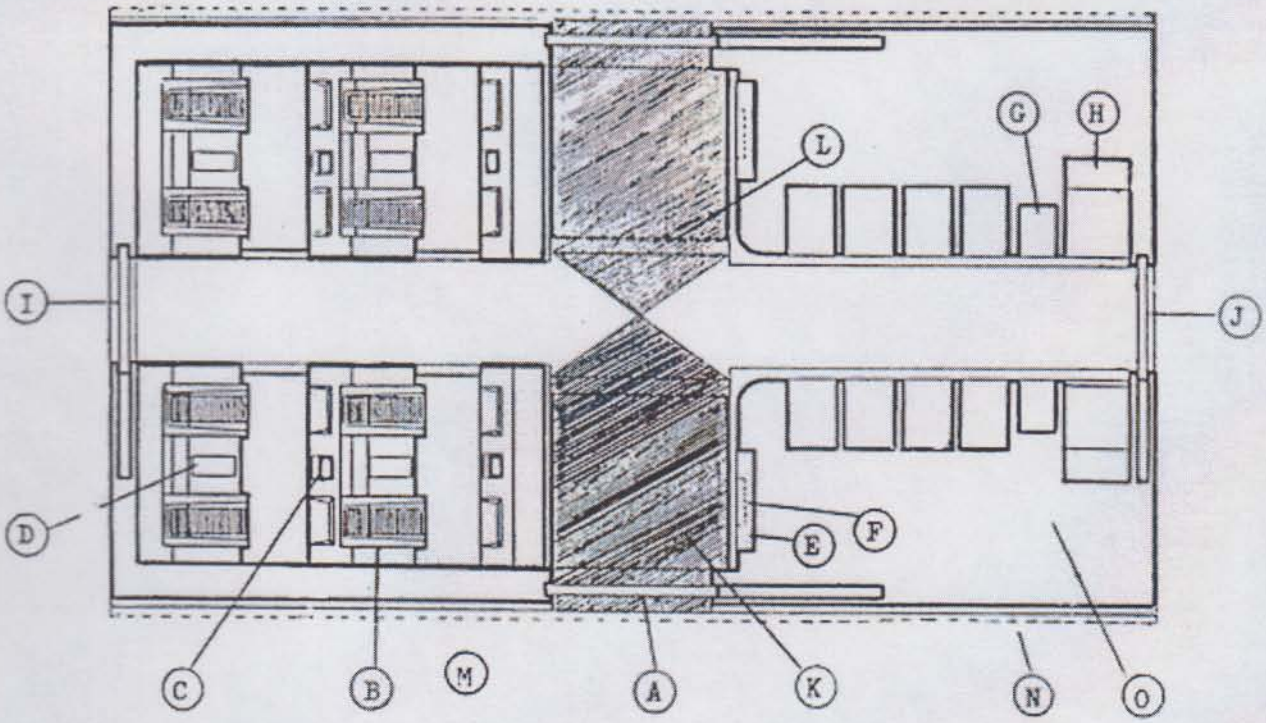
Key

(A) EAGLE UTILITY POD TYPE B/C/E * (DETACHED)
(B) SLIDING DOOR (? P/S)
(C) POD SUPPORT LEG (4)
(D) LANDING ROCKETS (4)
(E) FUEL INTAKE (4)
(F) ACCESS STEPS/HAND RAIL (RETRACTED)
(G) ACCESS STEPS (RETRACTED)
(H) VIEWPORTS (12) **
(I) DOCKING TUBE MAGNETIC LATCHES
(J) ACCESS HATCH SLIDING DOOR
(K) DOCKING PINS FOR MAIN EAGLE BODY ATTACHMENT
(L) MAGNETIC LATCHES
(M) BOARDING TUBE ATTACHMENT SLOT
(N) MAGNETIC STRIP FOR EAGLE SUPPORTING FRAME ATTACHMENT

* TYPE E UTILITY POD (RESCUE) IS IDENTICAL TO TYPE B AND C IN CONFIGURATION EXCEPT FOR RED STRIPING ON ITS' SIDES. (SEE INTERPLANETARY SPACECRAFT)

** VIEWPORTS ARE ONLY ON COMMERCIAL TRANSPORTER PASSENGER PODS. THESE SPACES ARE SOLAR PANELS ON OTHER UTILITY PODS.

TYPE B
TRANSPORTER



Key

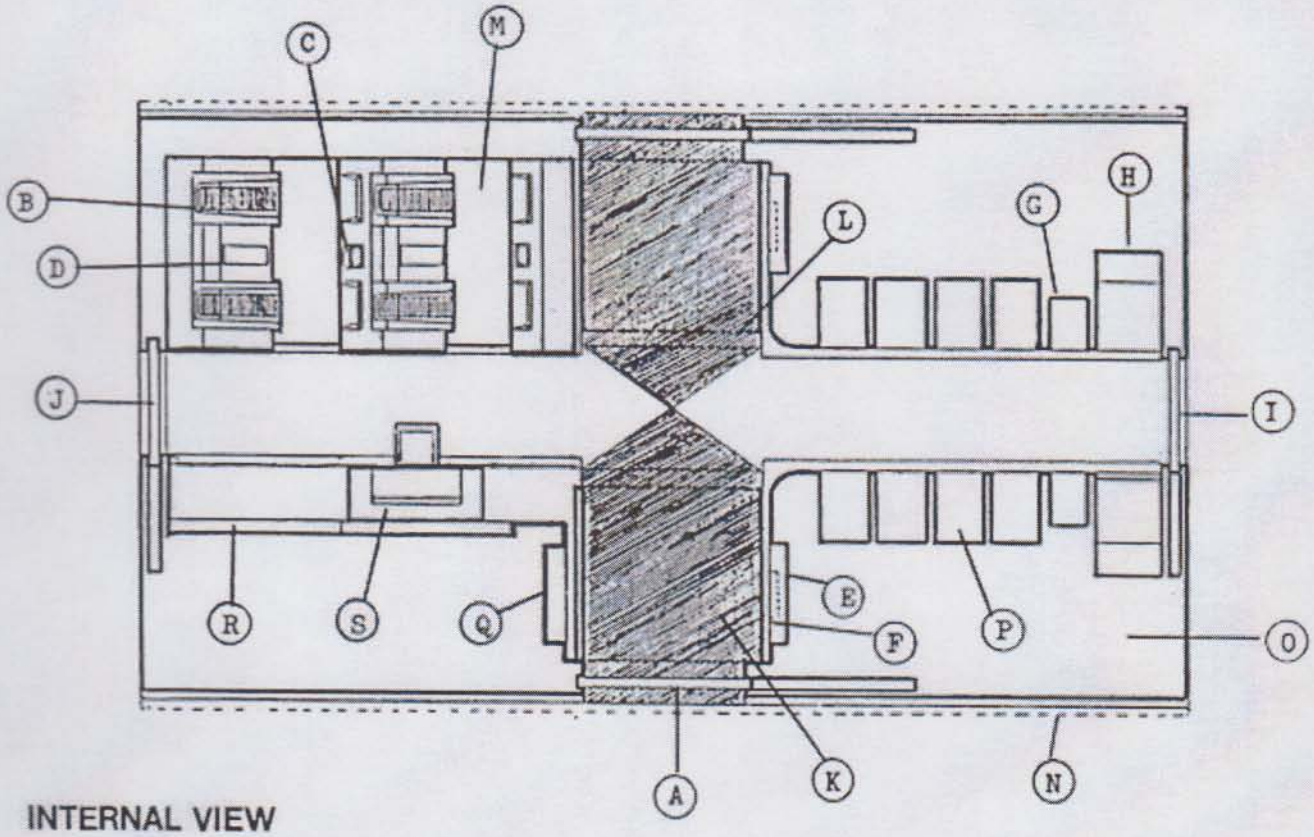
(A) SLIDING DOOR (2 p/e)
(B) PASSENGER SEATS (8)
(C) VIDEO SCREEN *
(D) CONTROL CONSOLE (4)
(E) STORAGE RACK **
(F) MAIN VIEW SCREEN (2)
(G) EQUIPMENT SHELVES (2)
(H) REFRIGERATED FOOD LOCKER (2)
(I) SLIDING DOOR TO AFT COMPARTMENT
(J) SLIDING DOOR TO FORWARD COMPARTMENT
(K) NON-SLIP FLOOR SURFACE
(L) OUTLINE WHERE FLOOR BEGINS TO DESCEND TOWARD DOOR.
(M) SUNKEN FLOOR AREA (ONLY IN SEATING SECTION)
(N) OUTLINE OF MODULE OVERHANG
(O) LIFE SUPPORT SYSTEMS

* WHILE ENROUTE BETWEEN EARTH AND THE MOON, THESE VIDEO SCREENS PROVIDED MOVIE ENTERTAINMENT FOR ONBOARD PASSENGERS.
AFTER BREAKAWAY, ALL SCREENS WERE MODIFIED FOR MAIN COMPUTER SHIP SERVICES.

** AFTER BREAKAWAY THESE STORAGE AREAS WERE MODIFIED TO WEAPONS RACKS

TYPE C

RECONNAISSANCE



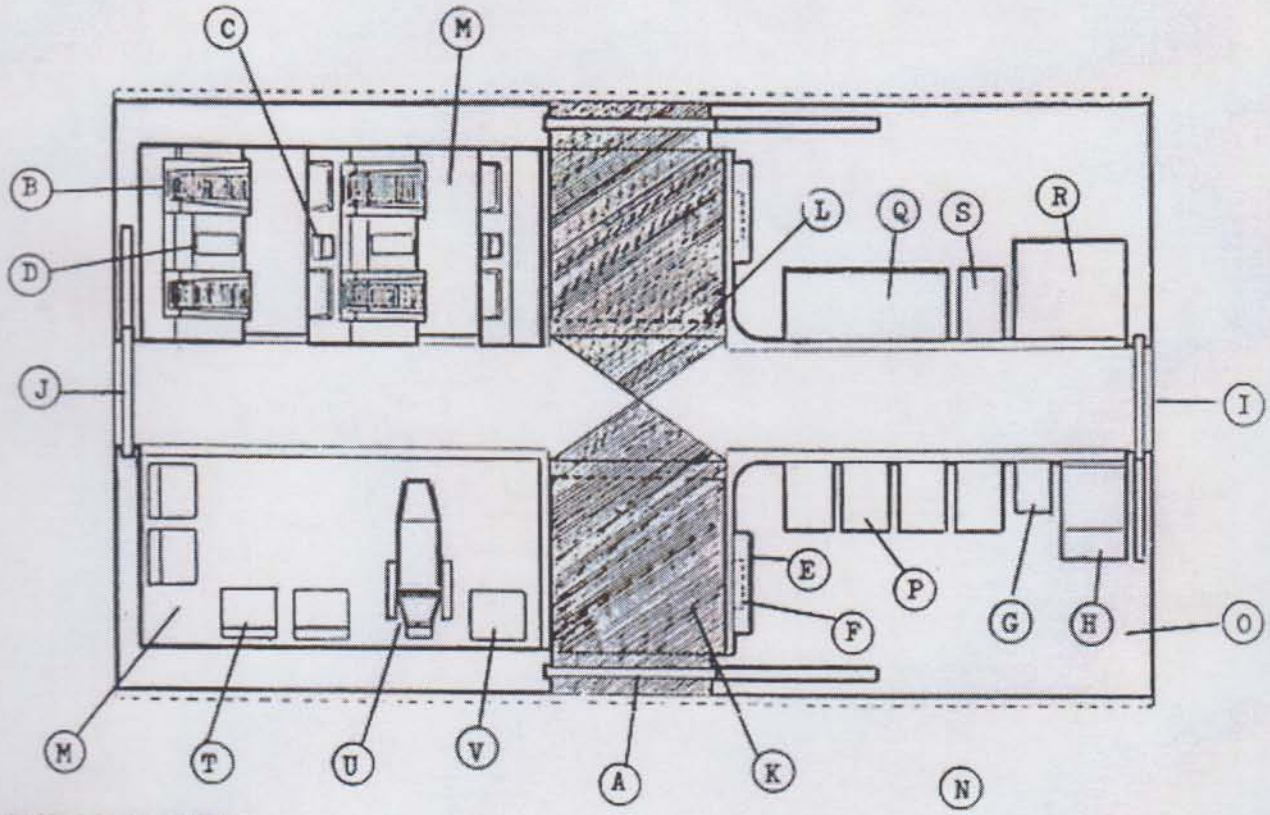
INTERNAL VIEW

Key

(A) SLIDING DOOR (? P/S)
(B) PASSENGER SEATS (4)
(C) VIEW.SCREEN (2)
(D) CONTROL CONSOLE (2)
(E) WEAPONS RACK (?)
(F) MAIN VIEW SCREEN (2)
(G) EQUIPMENT SHELVES (?)
(H) REFRIGERATED FOOD LOOKER (2)
(I) SLIDING DOOR TO FORWARD COMPARTMENT
(J) SLIDING DOOR TO AFT COMPARTMENT
(K) NON-SLIP FLOOR SURFACE
(L) OUTLINE WHERE FLOOR BEGINS TO DESCEND TOWARD DOOR
(M) SUNKEN FLOOR AREA (ONLY IN SEATING SECTION)
(N) OUTLINE OF MODULE OVERHANG
(O) LIFE SUPPORT SYSTEMS
(P) SPACESUIT RACKS (8)
(Q) STORAGE SHELVES
(R) COMPUTER WALL
(S) COMPUTER ACCESS DESK/CHAIR

TYPE E

RESCUE

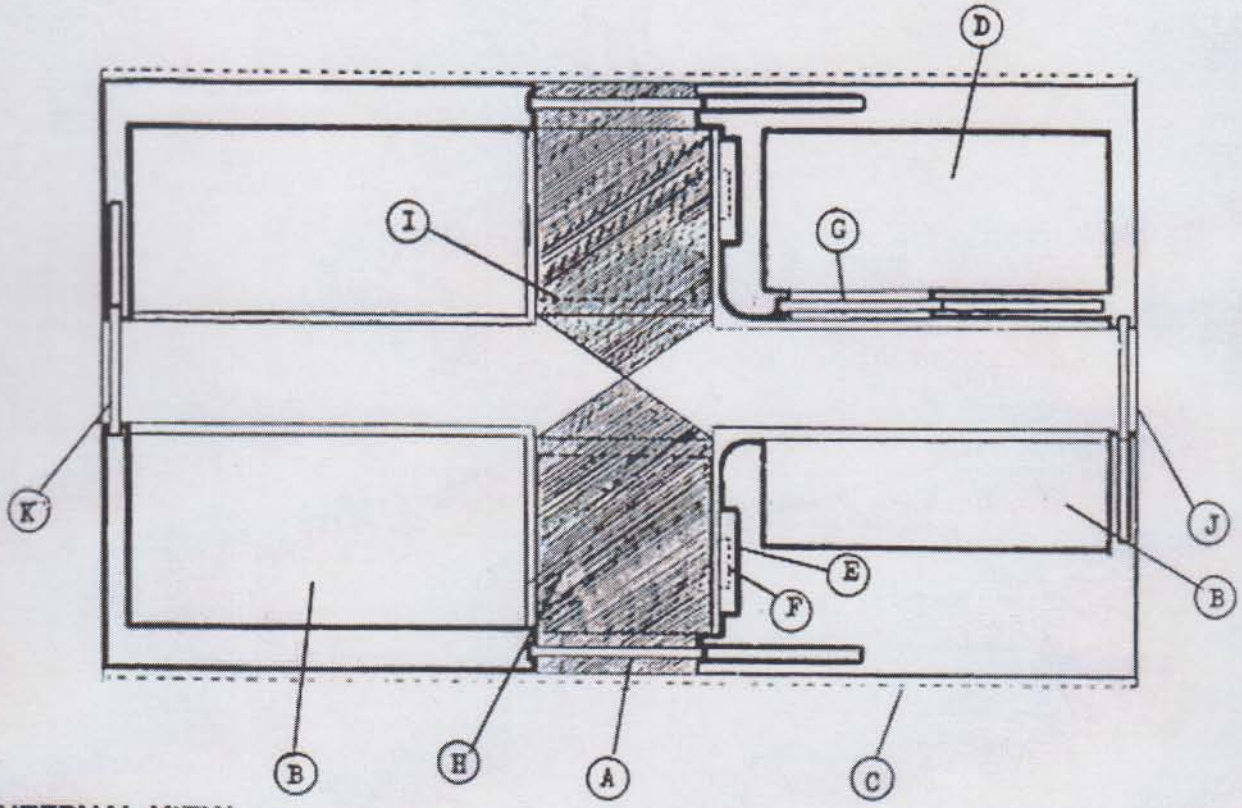


INTERNAL VIEW

Key

(A) SLIDING DOOR (2 P/S)
(B) PASSENGER SEATS (4)
(C) VIEW SCREEN (2)
(D) CONTROL CONSOLE (2)
(E) WEAPONS RACK
(F) MAIN VIEW SCREEN (2)
(G) EQUIPMENT SHELF
(H) REFRIGERATED FOOD LOCKER
(I) SLIDING DOOR TO FORWARD COMPARTMENT
(J) SLIDING DOOR TO AFT COMPARTMENT
( ) NON-SLIP FLOOR SURFACE
(L) OUTLINE WHERE FLOOR BEGINS TO DESCEND
(M) SUNKEN FLOOR AREA
(N) OUTLINE OF MODULE OVERHANG
(O) LIFE SUPPORT SYSTEMS
(P) SPACESUIT RACKS (4) (2 SUITS PER RACK)
(Q) FOLDING STRETCHER STORAGE AREA
(R) REFRIGERATED MEDICAL SUPPLIES LOCKER
(S) MEDICAL INSTRUMENT STORAGE SHELF
(T) MOBILE MEDICAL MONITORS
(U) HYDRAULIC COUCH
(V) MEDICINE SUPPLY TABLE

TYPE F
FREIGHTER C
CARGO TRANSPORT



INTERNAL VIEW

Key

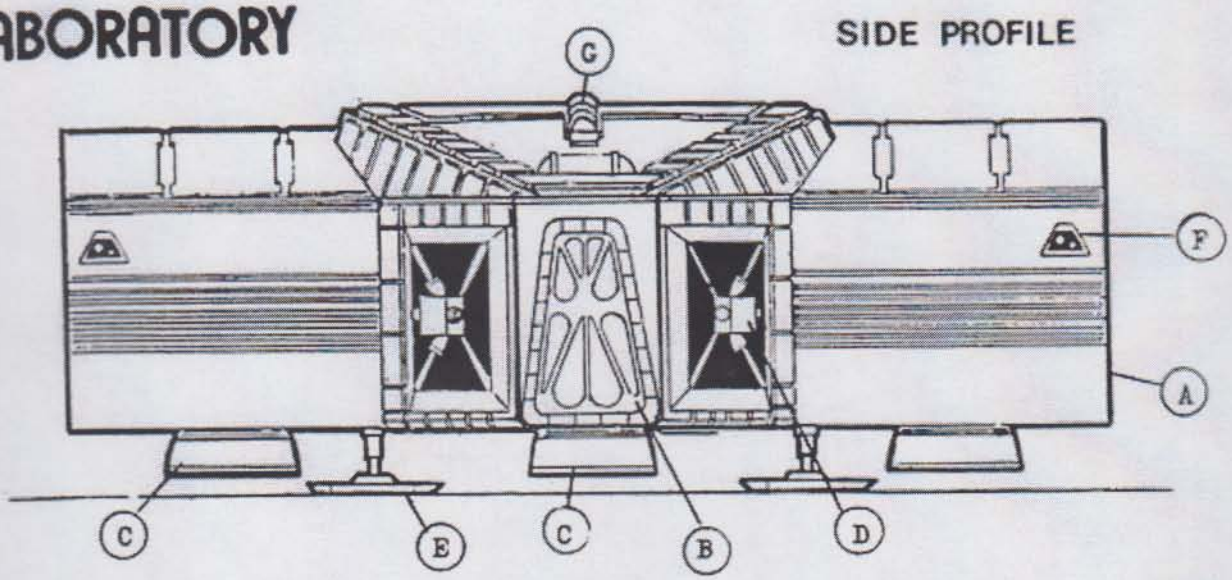
(A) SLIDING DOOR (? P/S)
(B) CARGO STORAGE AREA
(C) OUTLINE OF MODULE OVERHANG
(D) PERISHABLE GOODS STORAGE (TEMPERATURE CONTROL UNIT)
(E) STORAGE SHELF
(F) VIEW SCREEN (?)
(G) SLIDING DOOR
(H) NON-SLIP FLOOR SURFACE
(I) BEGINING OF FLOOR DESCENT
(J) SLIDING DOOR TO FORWARD COMPARTMENT
(K) SLIDING DOOR TO AFT COMPARTMENT

UTILITY POD

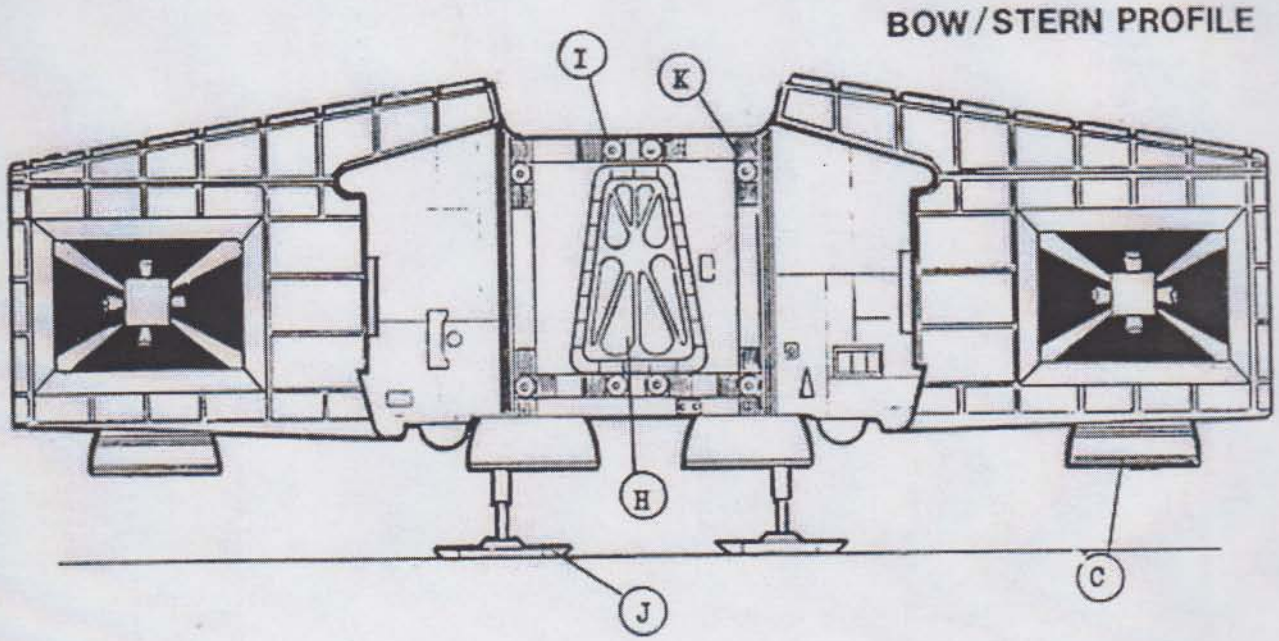
TYPE D

LABORATORY

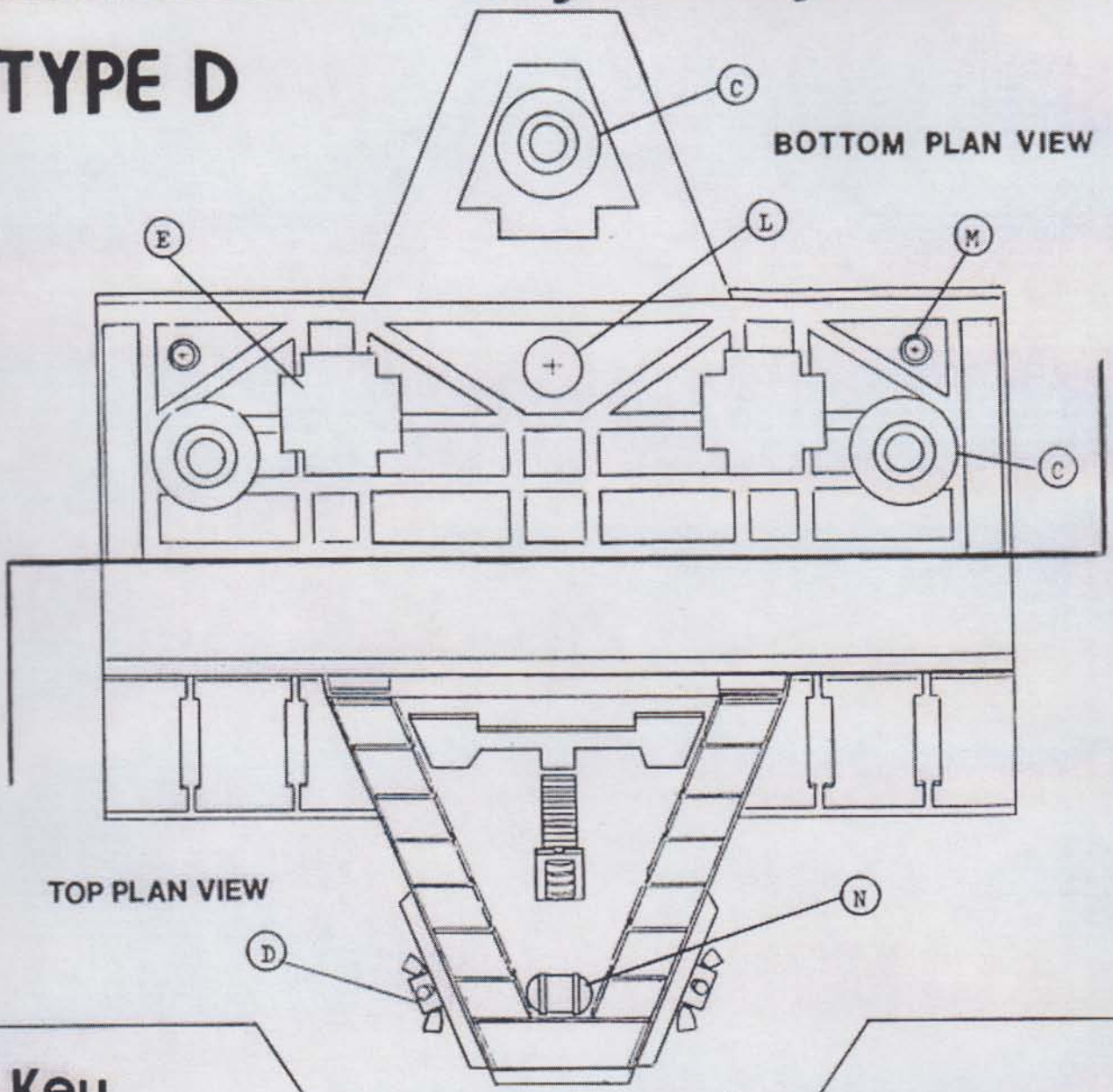
SIDE PROFILE



BOW/STERN PROFILE



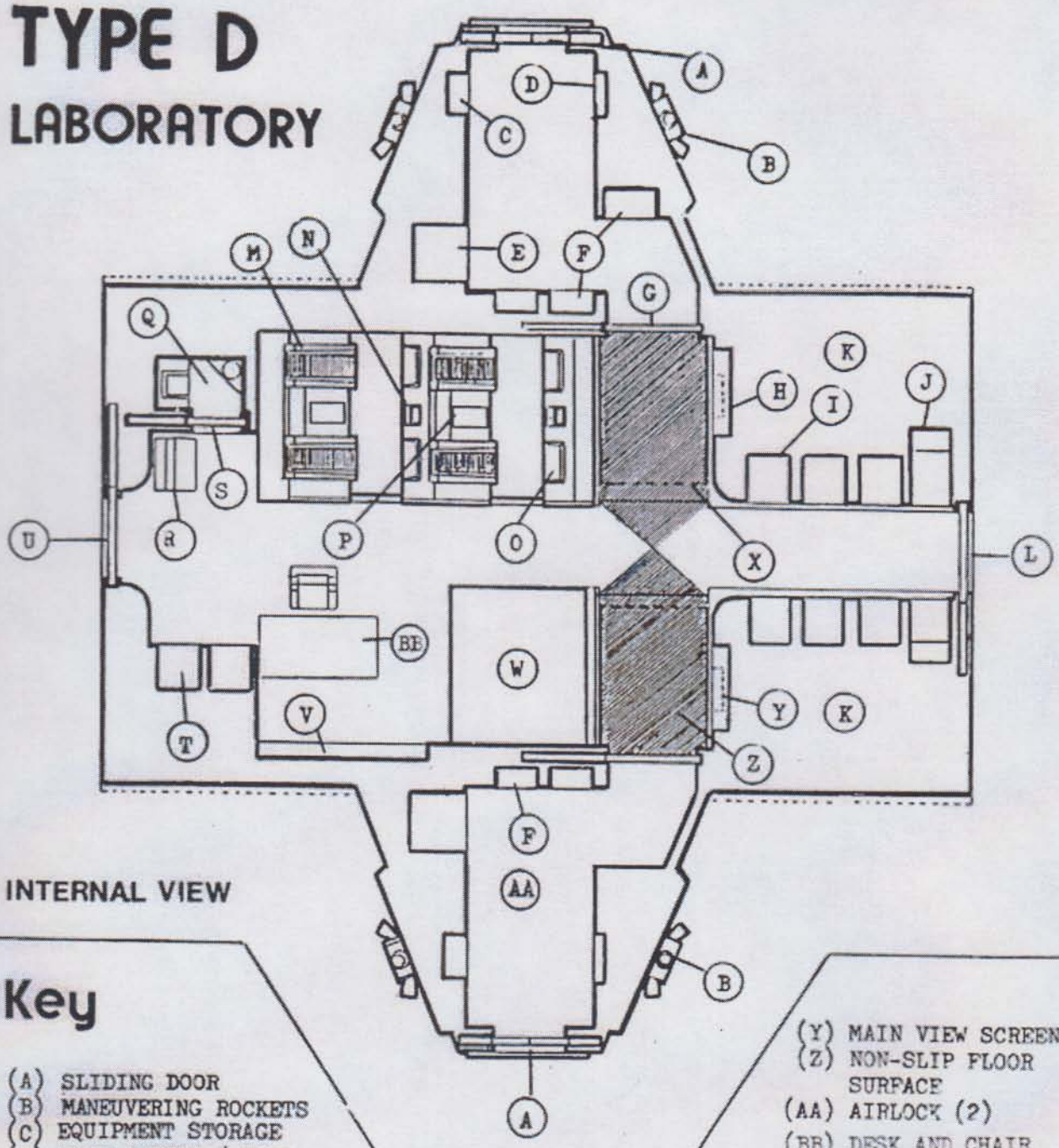
TYPE D



Key

(A) LABORATORY POD
(B) SLIDING DOOR
(C) LANDING ROCKETS (6)
(D) MANEUVERING ROCKETS (16)
(E) POD SUPPORT LEGS (4) (RETRACTED)
(F) MOONBASE ALPHA INSIGNIA
(G) SENSORY EQUIPMENT
(H) SLIDING HATCH
(I) DOCKING PIN
(J) POD SUPPORT LEGS (4) (EXTENDED)
(K) MAGNETIC LATCHES
(L) SENSOR ARRAY
(M) LANDING LIGHTS w/DOME COVERINGS
(N) NAVIGATONAL SENSOR

TYPE D
LABORATORY

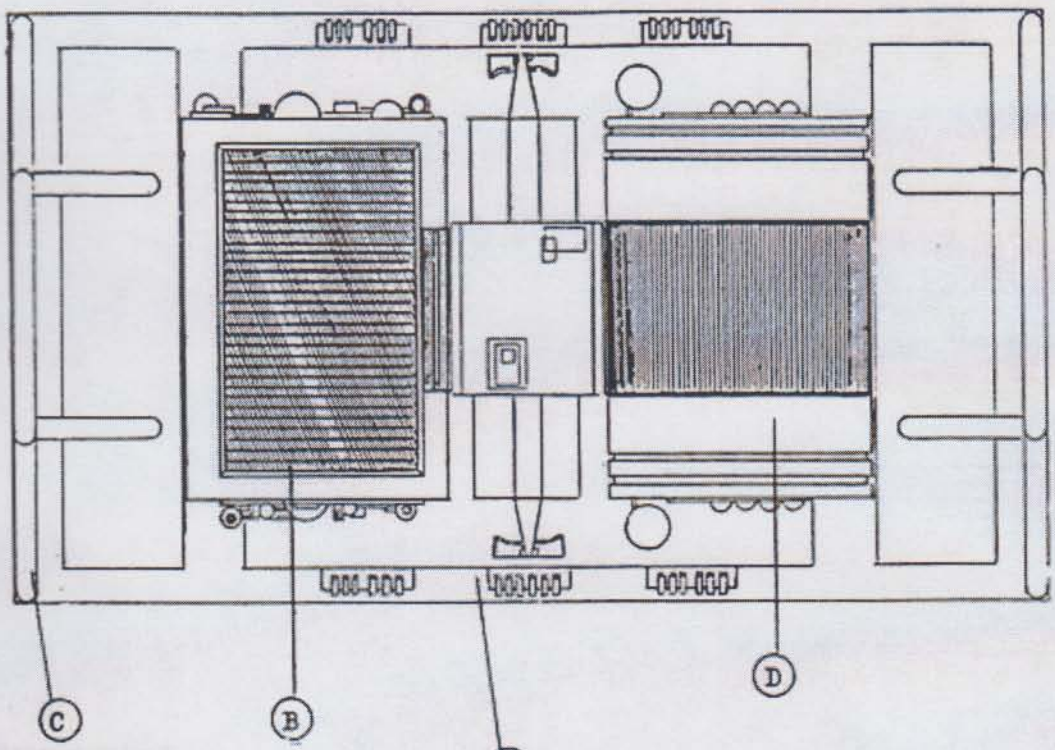


INTERNAL VIEW

Key

(A) SLIDING DOOR
(B) MANEUVERING ROCKETS
(C) EQUIPMENT STORAGE
(D) VIEW SCREEN / DOOR CONTROLS
(E) ANTI-RADIATION SUIT RACK
(F) SURVEY EQUIPMENT STORAGE
(G) AIRLOCK INNER DOOR
(H) WEAPONS RACK
(I) SPACESUIT RACKS (6)
(J) REFRIGERATED FOOD LOCKER
(K) LIFE SUPPORT SYSTEMS
(L) SLIDING DOOR TO FORWARD COMPARTMENT
(M) PASSENGER SEATS (4)
(N) VIEW SCREEN (2)
(O) PERSONAL EFFECTS STORAGE
(P) CONTROL PANEL
(Q) BATHROOM
(R) MOBILE RECORDING UNIT
(S) SLIDING DOOR
(T) EQUIPMENT STORAGE
(U) SLIDING DOOR TO AFT COMPARTMENT
(V) COMPUTER WALL
(W) CARGO SPACE (SUNKEN FLOOR AREA)
(X) LINE OF FLOOR DESCENT
(Y) MAIN VIEW SCREEN
(Z) NON-SLIP FLOOR SURFACE
(AA) AIRLOCK (2)
(BB) DESK AND CHAIR

TYPE F
FREIGHTER A
WINCH PLATFORM



TOP PLAN VIEW

Key

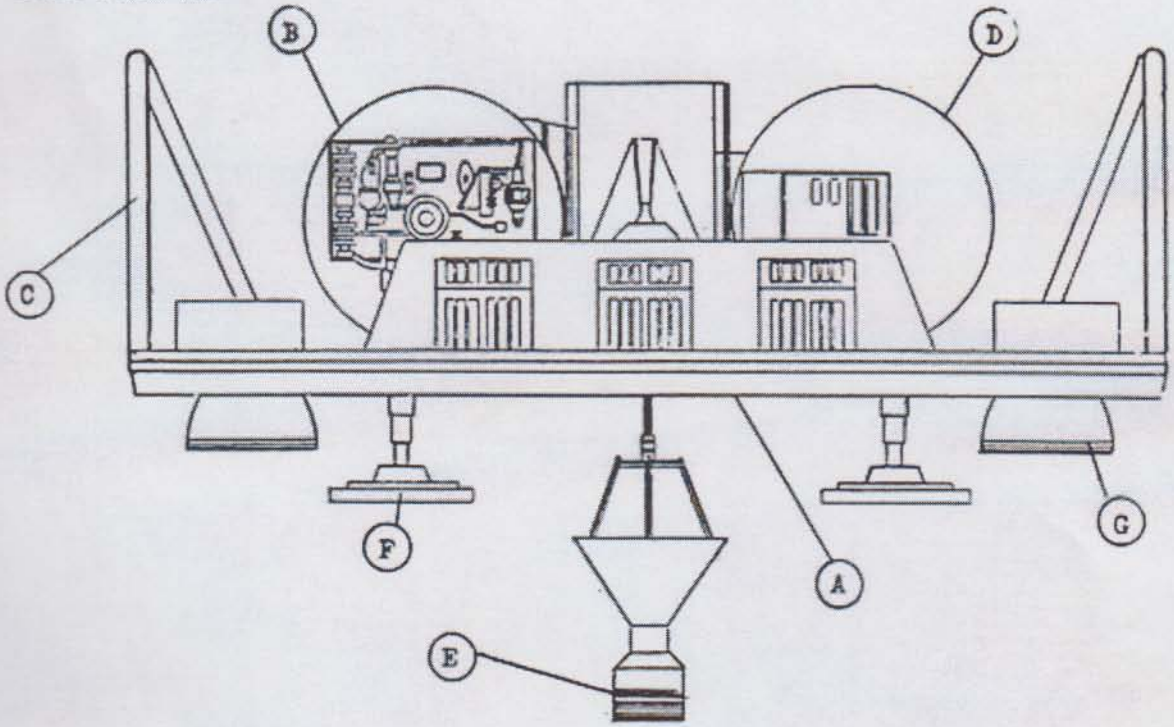
(A) WINCH PLATFORM
(B) CABLE AND CABLE HOUSING
(C) DOCKING SUPPORT FRAME
(D) HOIST
(E) MAGNETIC GRABBER
(F) POD SUPPORT LEG (4)
(G) LANDING ROCKETS (4)
(H) DOCKING PINS

THE WINCH PLATFORM'S GENERAL USE WAS FOR DISPERSAL OF NUCLEAR WASTE CANNISTERS, AND IS OFTEN USED TO RETREAVE DOWNED SPACECRAFT AND TO ASSIST IN CONSTRUCTION OPPERATIONS.

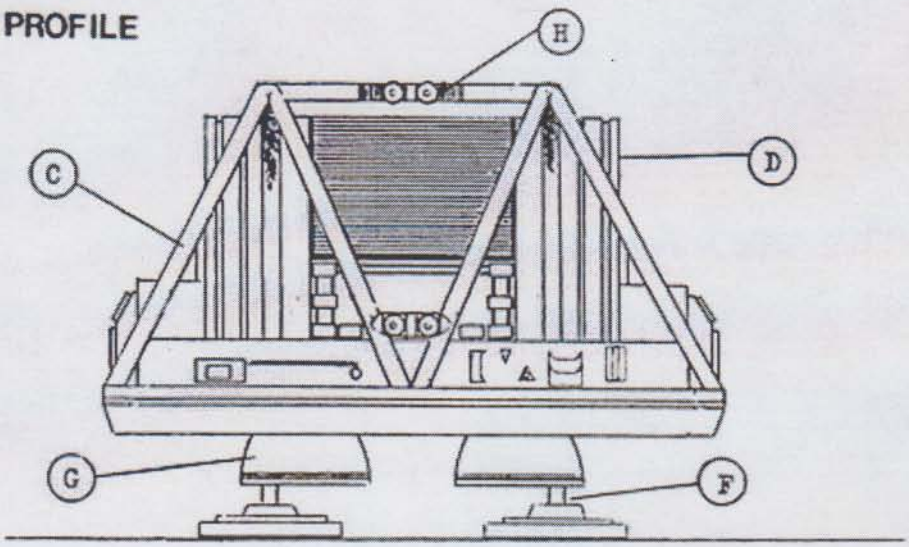
MOONBASE ALPHA IS EQUIPPED WITH 96 WINCH PLATFORMS

TYPE F
FREIGHTER A
WINCH PLATFORM

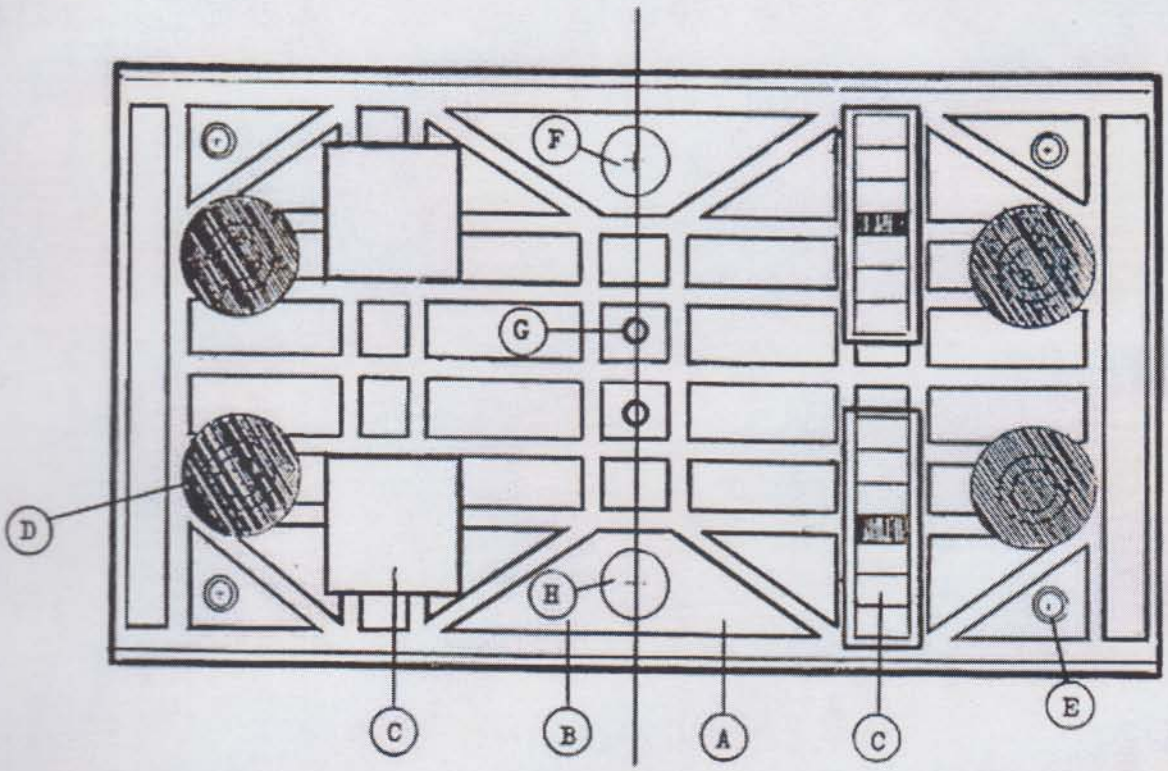
SIDE PROFILE



BOW / STERN PROFILE



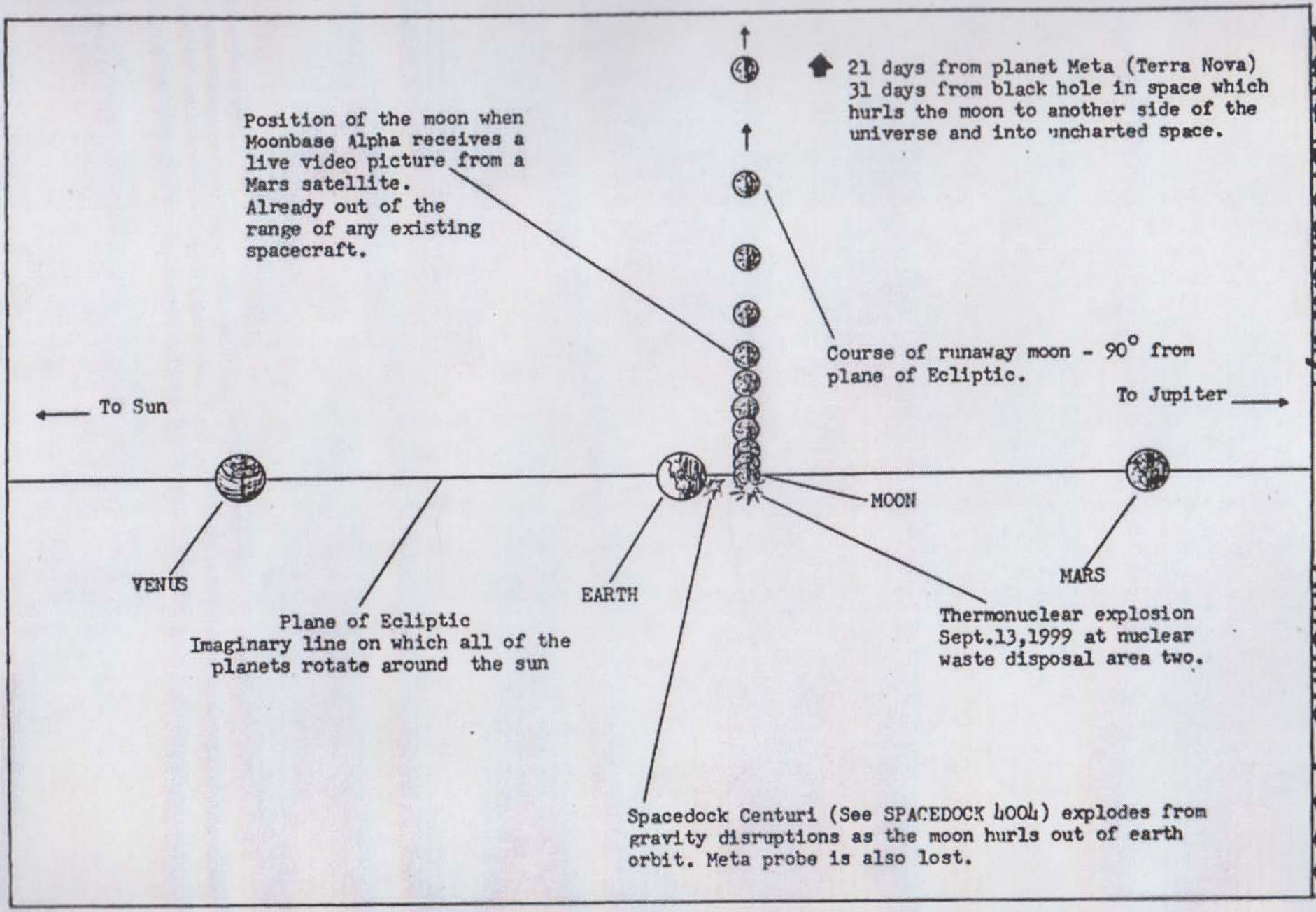
UTILITY POD



BOTTOM PLAN VIEW

Key

(A) TYPE B/C/E BOTTOM PLAN
(B) TYPE F BOTTOM PLAN
(C) POD SUPPORT LEGS
(D) LANDING ROCKETS (4)
(E) LANDING LIGHTS w/DOME COVERINGS
(F) SENSOR (TYPE B/C/E ONLY)
(G) NAVIGATION STROBES (?)
(H) RADAR



Data (Breakaway) Timeline - 7006